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ORIGINAL MONTHLY RECORDS OF
OBSERVATIONS AT FORT WAYNE,
IND. ; ANNUAL METEOROGICAL
SUMMARY FOR...

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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1914.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observations must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandths of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer," the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of −.089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° − 0.5° = 61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° − 1.2° = −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° + 7.8° = −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° − 2.3° = −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than

the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandths of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be eliminated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines

will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than the standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb.,St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky" or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ---- p. m. to ---- p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed "On ground at ---- p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven-tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet*.

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l., unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third thundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ---- p. m. to ---- p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of Weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "Character of the day" will be entered in the space provided for it.

162. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ---------- miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, and No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4} \times 12 = 15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7 = 8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60 \div 13 = 4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

183. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60 \div 2 = 30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (✓) (✓), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during period of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depths of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

211. In performing the divisions indicated in these examples the observer will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

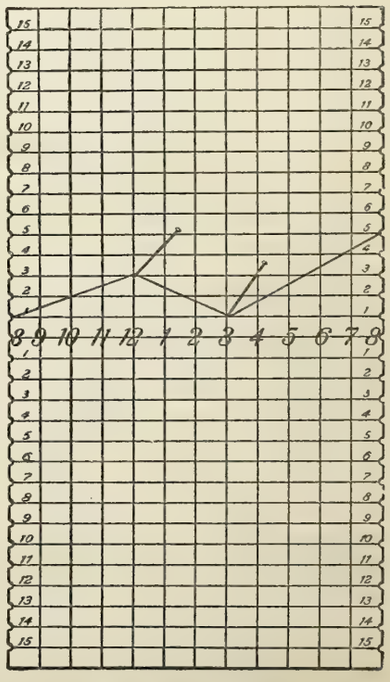
218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.



Thermograph correction card.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: −3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1,then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

224. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

225. These corrections will also be entered on the trace sheet, and will not be accompanied by explanatory phrases such as "correction at time of max," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030–Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *191*5

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20 1911, 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 711 - 712; first observation taken in present office, 7.00 A m. May 20, 19 11

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., **for the Month of** January, 1915

Number of Station barometer, 656; **sum of corrections,** -.009 **inch.**

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 **A. M.** 90 **MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE;** 7.19 **A. M. LOCAL MEAN TIME.**

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.332	-.119	29.213	30.17	19.8	18.6	16	82	.085	19.8	15.6	S	12			0	6	A.St	S	Pt Cloudy		N.T.C	1
2	63.0	29.357	-.100	29.257	30.21	23.2	22.2	20	87	.103	33.4	22.1	W	14	28	W	T	10	Nb	W	Lt Snow		N.T.C	2
3	65.0	29.597	-.106	29.491	30.47	10.0	8.9	4	76	.047	22.6	9.2	E	6			0	2	A.St	E	Clear		N.T.C	3
4	72.5	29.417	-.126	29.291	30.25	28.0	26.4	24	81	.124	28.0	23.5	SW	5			T	10	St	SW	Cloudy		N.T.C	4
5	70.0	29.336	-.119	29.217	30.18	23.2	22.7	22	93	.113	31.4	23.1	SW	6			0	10 —	St Pt Fog	SW SW	Cloudy		N.T.C.	5
6	70.0	28.962	-.118	28.844	29.77	39.6	39.6	40	100	.247	40.8	38.2	SE	6			T	10	Nb	SE	Lt Rain		N.T.C	6
7	66.5	28.912	-.108	28.804	29.74	28.0	25.6	21	72	.108	37.7	28.0	SW	26	36	SW	T	6	St	SW	Pt Cloudy		N.T.C.	7
8	63.5	29.350	-.102	29.248	30.21	19.2	18.0	15	82	.081	31.6	19.1	SW	8	26	SW	0	10	St	W	Cloudy		N.T.C.	8
9	67.0	29.510	-.111	29.399	30.37	18.5	17.0	13	76	.074	24.4	16.8	SW	6			0	10	St	SW	Cloudy		N.T.C	9
10	67.5	29.506	-.113	29.393	30.36	18.0	17.4	16	90	.085	22.6	14.3	E	1			0	1	A.St.	S	Clear		N.T.C	10
11	72.5	29.187	-.125	29.062	30.00	37.4	35.0	32	80	.180	38.6	37.0	SW	4			0	10	St	SW	Cloudy		N.T.C	11
12	72.0	29.114	-.123	28.991	29.94	34.0	32.4	30	85	.164	34.2	33.7	N	14			T	10	St	N	Cloudy		N.T.C.	12
13	71.5	29.197	-.122	29.075	30.04	24.2	22.4	19	77	.098	29.6	23.2	S	6			0	4	A.St.	SW	Lt Cloudy		N.T.C	13
14	70.0	29.019	-.118	28.901	29.85	32.5	30.0	26	75	.136	36.5	32.0	SW	8			0	10	St	SW	Cloudy		N.T.C	14
15	72.0	29.289	-.124	29.165	30.10	27.8	27.2	26	93	.136	37.3	26.3	SW	3			0	1	St	SW	Clear		N.T.C	15
16	70.5	29.224	-.120	29.104	30.05	31.0	30.2	29	91	.157	36.0	27.7	E	12			0	3 7	A.St. St.	W SE	Cloudy		W.S.P.	16
17	60.0	28.943	-.091	28.852	29.80	27.6	27.0	22	72	.113	50.3	29.6	SW	25	33	SW	T	10	St	SW	Cloudy		W.S.P.	17
18	70.0	29.012	-.118	28.894	29.84	26.8	25.0	22	78	.113	30.8	25.3	N	5			0	10	St	N	Cloudy		W.S.P.	18
19	68.0	28.799	-.112	28.687	29.64	19.4	18.4	16	85	.085	26.0	19.0	SW	8			.22	10	St	SW	Cloudy		W.S.P.	19
20	70.0	28.835	-.117	28.718	29.67	23.0	22.4	22	92	.113	25.7	22.3	NE	3			.07	10	Nb	NE	Lt Snow		W.S.P.	20
21	74.0	29.341	-.129	29.212	30.17	19.3	18.1	15	82	.081	25.2	18.0	SW	10			.02	10	St	W	Cloudy		W.S.P.	21
22	68.5	29.452	-.115	29.337	30.32	14.8	14.4	13	93	.074	19.6	13.8	E	12			.09	10	Nb	E	Hvy Snow		W.S.P.	22
23	67.5	29.311	-.112	29.199	30.17	14.8	14.1	12	87	.070	18.2	13.0	SW	18			.04	10	St.	SW	Cloudy		W.S.P.	23
24	69.5	29.628	-.119	29.509	30.51	-4.4	-4.6	-6	92	.028	3.6	-6.0	NW	1			0	7 1	A.St. St	W W	Cloudy		W.S.P.	24
25	69.0	29.183	-.116	29.067	30.04	14.8	13.8	11	82	.066	15.3	12.3	NW	10			0	6 4	A.St St	NW NW	Cloudy		W.S.P.	25
26	70.0	29.413	-.119	29.294	30.27	4.0	3.8	3	94	.044	18.1	3.1	W	2			0	4 2	A.St St	NW NW	Pt Cloudy		W.S.P.	26
27	71.0	29.410	-.122	29.288	30.27	11.2	10.8	9	92	.060	21.5	2.8	SW	1			0	0	0	0	Clear		W.S.P.	27
28	71.0	29.500	-.122	29.378	30.36	6.4	6.0	4	90	.047	20.0	5.3	N	5			.01	10	St	N	Cloudy		W.S.P.	28
29	64.0	29.473	-.103	29.370	30.36	-1.2	-1.8	-5	79	.029	8.8	-6.4	SW	10			0	-5 3	A.St St	W W	Cloudy		W.S.P.	29
30	71.0	29.567	-.122	29.445	30.43	0.9	0.7	±0	94	.038	10.4	-1.9	NE	9			0	8	St	W	Cloudy		W.S.P.	30
31	72.5	29.022	-.124	28.898	29.86	35.0	35.0	35	100	.203	35.0	18.3	SE	5			.39	10	Nb	SE	Lt rain		W.S.P.	31
Sums	(a)	(a)	(a)	903.603	933.42	628.8	596.7	526	2652	3.102	(a)	(a)	(a)	261	(a)	(a)	0.84	250	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.148	30.110	20.3	19.2	17.0	85.5	.100	(a)	(a)	(c) SW	8.4	(a)	(a)	(a)	8.1	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	65.5	29.131	-.106	29.025	29.98	33.2	31.9	30	87	.164	34.7	19.0	SW	19	26	SW	T	10	Nb	SW	Lt. Snow			W. S.P.	1
2	70.5	29.624	-.121	29.503	30.47	22.6	21.3	18	82	.093	23.7	20.1	SW	6			T	9	St	W	Cloudy			W.S.P.	2
3	72.0	29.420	-.125	29.295	30.27	23.6	21.6	17	74	.089	24.8	8.8	E	8			T	10	Nb	E	Lt. Snow			W.S.P.	3
4	75.0	29.445	-.133	29.312	30.27	31.4	29.7	27	82	.143	32.7	25.9	SW	10			0	10	St	SW	Cloudy	BDN.A. E7.10A. B8.40A. E9.25A	B7.10A. E8.40A	W.S.P.	4
5	71.5	29.237	-.122	29.115	30.07	38.2	34.8	30	72	.164	40.8	21.0	S	8			0	10	St	S	Cloudy			W.S.P.	5
6	70.0	28.600	-.117	28.483	29.40	37.7	37.7	38	100	.228	40.7	37.5	SW	15			.43	10	Nb	SW	Hvy. Rain			W.S.P.	6
7	66.0	29.131	-.108	29.023	29.97	31.6	27.0	25	73	.130	34.6	26.2	SW	16	33	SW	0	5	St	SW	Pt. Cloudy			W.S.P.	7
8	67.0	29.441	-.111	29.330	30.30	24.4	21.9	16	68	.085	27.8	18.1	SW	5			0	0	0	0	Clear			W.S.P.	8
9	71.5	29.509	-.123	29.386	30.36	22.6	21.8	20	89	.103	24.7	16.9	S	4			0	0	0	0	Clear			W.S.P.	9
10	70.5	29.397	-.121	29.276	30.24	38.4	35.2	31	74	.172	42.6	17.5	SE	6			0	10	St	SE	Cloudy			W.S.P.	10
11	71.0	29.105	-.120	28.985	29.93	33.8	33.8	34	100	.195	38.0	33.2	N	8			.02	10	Nb	N	Lt. Snow			W.S.P.	11
12	72.5	29.185	-.125	29.060	30.01	29.6	27.1	23	73	.118	34.0	29.5	NW	10			0	10	St	N	Cloudy			W.S.P.	12
13	71.0	29.043	-.120	28.923	29.87	36.0	32.9	29	72	.157	39.8	24.2	SW	8			0	10	St	SW	Cloudy			W.S.P.	13
14	69.5	29.088	-.116	28.972	29.92	37.3	34.8	31	79	.172	41.9	32.4	SW	8			0	0	0	0	Clear			H.T.C.	14
15	69.0	29.318	-.116	29.202	30.15	36.0	34.0	31	82	.172	40.9	27.2	E	8			0	0	0	0	Clear	B7.00A. E9.30A		H.T.C.	15
16	70.0	28.900	-.118	28.782	29.71	45.0	45.0	45	100	.298	45.0	31.0	SE	18			.26	10	Nb	SE	Lt. Rain			H.T.C.	16
17	70.5	29.093	-.119	28.974	29.92	30.2	27.7	23	73	.118	30.2	28.1	SW	6	26	SW	0	10	St	SW	Cloudy			H.T.C.	17
18	71.0	28.722	-.119	28.603	29.54	26.0	25.6	25	95	.130	27.3	25.2	N	7			.10	10	Nb	N	Hvy. Snow			H.T.C.	18
19	71.0	28.800	-.119	28.681	29.63	25.0	24.5	24	94	.124	26.3	17.8	SE	5			.02	10	Nb	SE	Lt. Snow			H.T.C.	19
20	70.0	29.131	-.118	29.013	29.97	25.2	24.2	22	87	.113	29.3	23.0	NW	4			.04	8	A.St.	NW	Cloudy			H.T.C.	20
21	71.0	29.515	-.122	29.393	30.36	19.6	18.2	15	79	.081	22.7	14.4	SW	8			T	9	A.St.	SW	Cloudy			H.T.C.	21
22	71.0	29.071	-.120	28.951	29.92	17.8	17.2	16	90	.085	17.8	14.8	NE	12			.38	10	Nb	NE	Lt. Snow			H.T.C.	22
23	70.5	29.612	-.121	29.491	30.47	3.4	2.4	-3	72	.032	14.8	3.4	SW	12			T	0	0	0	Clear			H.T.C.	23
24	73.0	29.378	-.127	29.251	30.24	14.0	13.1	10	84	.063	15.2	-8.1	NE	12			0	2	Ci	NE	Clear			H.T.C.	24
25	71.5	29.324	-.122	29.202	30.17	18.1	16.7	13	78	.074	27.3	14.8	W	9			0	0	0	0	Clear			H.T.C.	25
26	72.0	29.383	-.125	29.258	30.24	21.5	19.5	14	72	.077	25.9	3.6	S	3			0	0	0	0	Clear	B7.20A. E11.00A		H.T.C.	26
27	73.0	29.403	-.127	29.276	30.26	20.0	18.8	16	82	.085	29.9	10.3	NW	12			0	10	A.St.	NW	Cloudy			H.T.C.	27
28	69.5	29.510	-.118	29.392	30.37	8.8	8.0	5	82	.049	15.7	6.4	SW	12			0	2	St	W	Clear			H.T.C.	28
29	71.0	29.575	-.122	29.453	30.44	10.4	9.2	4	74	.047	13.3	-1.2	SW	9			0	0	0	0	Clear			H.T.C.	29
30	73.0	29.317	-.126	29.191	30.16	18.3	17.9	17	94	.089	19.3	0.9	E	14			.03	10	Nb	E	Lt. Snow			H.T.C.	30
31	70.5	28.849	-.118	28.731	29.66	42.2	42.2	42	100	.266	43.1	35.0	SE	8			.42	10	Nb	SE	Lt. rain			H.T.C.	31
Sums		(a)	(a)	902.532	932.27	821.4	777.7	688	2563	3.916	(a)	(a)	(a)	290	(a)	(a)	1.70	205	(a)	(a)	(a)	3		(a)	(a)
Means		(a)	(a)	29.114	30.073	26.5	25.1	22.2	82.7	.126	(a)	(a)	(c) SW	9.4	(a)	(a)	(a)	6.6	(c) Nb	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1915

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	35	17	18	18	26																T					T	4.7	T	1
2	27	15	12	5	21																T					T	4.6	T	2
3	25	9	16	4	17																T					T	4.5	T	3
4	33	24	9	11	28																0					T	4.3	0	4
5	41	21	20	3	31																0					0	3.0	0	5
6	41	31	10	5	36																.43					0	1.3	0	6
7	35	26	9	6	30																0					0	0.6	0	7
8	28	18	10	7	23																0					0	0.2	0	8
9	25	17	8	2	21																0					0	0.1	0	9
10	43	14	29	7	28																0					0	T	0	10
11	38	33	5	8	36																.02					0.2	T	.02	11
12	34	26	8	6	30																0					T	T	0	12
13	40	23	17	2	32																0					0	T	0	13
14	42	30	12	4	36																0					0	T	0	14
15	41	26	15	2	34																0					0	T	0	15
16	49	28	21	4	38																.26					0	T	0	16
17	50	28	22	1	39																0					0	T	0	17
18	28	25	3	13	26																.30+					1.2	0.9	.30+	18
19	26	18	8	4	22																.07+					4.6	4.9	.07+	19
20	29	21	8	3	25																.08+					1.6	6.4	.08+	20
21	23	14	9	7	18																.02					0.3	6.6	.02	21
22	18	14	4	2	16																.51					7.2	11.2	.51	22
23	18	-2	20	8	8																T					0.5	10.5	T	23
24	15	-8	23	4	4																0					0	9.1	0	24
25	27	9	18	14	18																0					0	7.3	0	25
26	26	3	23	4	14																0					0	6.1	0	26
27	30	3	27	2	16																.01					0	4.9	.01	27
28	16	-2	18	9	7																0					0.2	4.5	0	28
29	13	-6	19	3	4																0					0	4.4	0	29
30	25	-2	27	8	12																.25					0.4	4.8	.25+	30
31	43	25	18	22	34																.67					4.0	4.1	.10+	31
S	964	498	466	198	730		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.62		Total excess or deficiency since January 1,			20.2	(a)	(a)	(a)
M	31.1	16.1	15.0	6.4	23.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

 + Estimated

SUMMARY FOR THE MONTH OF January, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.148	29.114	29.131	~~29.509~~ 29.40	~~27~~ 3	~~28.483~~ 28.70	6	~~1.026~~ 1.070	30.110	30.073	30.092	30.51	~~27~~ 3	~~29.40~~ 29.39	6	1.12
Corrected mean		29.126						Corrected mean		30.087	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
20.3	26.5	23.4	19.2	25.1	22.2	31.1	16.1	23.6	–	–	–	50	17	-8	24	58	~~33~~ 29	10	3	18

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
17.0	22.2	19.6	85.5	82.7	84.1	.100	.126	.113	17	0	30	5

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6599	8.9	SW	36	SW	7	5	4	7	6	5	27	3	5	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.1	6.6	7.8	27	3	7	21	0	2	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	–	0	0	1-10	24	5-15-26	5	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.62	~~0.84~~ 0.93	~~31~~ Feb 1	–	0	–	–	0	–	4	11	8	6	0	15	13	9	20.2	3.3

(w) Maximum precipitation in 5 minutes .02, date 16; 10 minutes .04, date 16; 15 minutes .06, date 16;
30 minutes .10, date 16; 1 hour .15, date 16; 2 hours .19, date 16

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Tabner, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1915

Number of Station barometer, 5656; sum of corrections, .009 inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
3"	3:00	2:00 A				29.540	30.51	13.0																	
6"	6. P	5:00 P.				28.470	29.39	40.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 12033. (1st to 26th incl.); No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, 10610. (26th to 28th incl.)

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7^00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street; room 911-12; first observation taken in present office, 7^00 m. May 20, 1911.

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., **for the Month of** February, 1915

Number of Station barometer, 636; **sum of corrections,** .009 **inch.**

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 **MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE;** 7.17 **A. M. LOCAL MEAN TIME.**

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	28.863	-.119	28.744	29.67	35.0	35.0	35	100	.203	42.4	34.6	NE	18			.41	10	Nb	NE	Lt. Rain		WSP	1
2	70.0	28.913	-.118	28.795	29.75	21.4	21.2	21	97	.108	29.2	21.0	NE	15	31	NE	.02	10	St	NE	Cloudy		WSP	2
3	72.0	29.225	-.124	29.101	30.06	19.8	18.6	16	82	.085	20.8	18.8	NE	8			.03	10	St	NE	Cloudy		WSP	3
4	70.0	29.263	-.119	29.144	30.10	24.7	24.4	24	96	.124	24.7	20.8	E	7			0	10	St	E	Cloudy		WSP	4
5	68.5	28.870	-.113	28.757	29.70	39.8	39.8	40	100	.247	40.0	32.3	S	14			.25	10	Nb	S	Lt. Rain		WSP	5
6	59.0	28.922	-.089	28.833	29.77	28.3	26.8	24	82	.124	35.6	27.9	SW	17	29	SW	.02	10	Nb	SW	Lt. Snow		WSP	6
7	69.0	29.084	-.115	28.969	29.93	16.8	15.8	13	84	.074	24.0	15.9	SW	15			.01	10	Nb	SW	Lt. Snow		WSP	7
8	64.5	29.318	-.104	29.214	30.17	21.6	20.6	19	86	.098	21.6	18.8	SW	8			.01	10	Nb	SW	Lt Snow		WSP	8
9	69.0	29.553	-.117	29.436	30.41	20.3	19.0	16	81	.085	26.2	19.6	SW	8			0	10	St	NW	Cloudy		WSP	9
10	68.5	29.604	-.115	29.489	30.46	18.1	17.0	14	83	.077	23.8	17.3	SE	10			0	1	St	W	Clear		WSP	10
11	66.5	29.264	-.109	29.155	30.10	42.8	38.0	32	64	.180	42.8	37.2	SW	19			0	10	St	SW	Cloudy		WSP	11
12	71.0	29.308	-.121	29.187	30.12	45.9	45.9	46	100	.310	50.6	45.2	SW	8			.07	10	Nb	SW	Lt. Rain		WSP	12
13	70.0	29.306	-.119	29.187	30.13	34.6	34.6	35	100	.203	34.8	33.8	NE	8			.02	-	D. Fog	NE	Foggy		WSP	13
14	67.5	28.895	-.111	28.784	29.69	51.0	48.8	47	86	.322	54.7	50.2	S	18	27	S	.05	10	St	S	Cloudy		WSP	14
15	67.0	29.212	-.111	29.101	30.05	32.8	29.8	25	71	.130	41.0	32.8	SW	22	31	SW	0	10	St	SW	Cloudy		WSP	15
16	67.5	29.493	-.113	29.380	30.34	26.0	23.6	18	70	.093	34.3	25.7	W	8			0	Few 2	A. St. St	NW NW	Clear		WSP	16
17	69.5	29.649	-.119	29.530	30.50	22.7	21.4	18	82	.093	28.2	22.0	N	2			0	0	0	0	Clear		WSP	17
18	67.5	29.624	-.113	29.511	30.47	23.4	22.0	19	82	.098	34.2	23.0	E	12			0	4 1	Ci St A St	W W	Pt Cloudy		WSP	18
19	71.0	29.600	-.122	29.478	30.44	26.2	24.4	21	78	.108	33.8	25.3	E	9			0	3 2	Ci St. A St.	W W	Cloudy		WSP	19
20	68.5	29.526	-.115	29.411	30.37	27.8	26.0	23	79	.118	43.2	27.7	NE	8			0	3 3	Ci St. A St.	W W	Pt. Cldy		WSP	20
21	71.0	29.444	-.122	29.322	30.27	32.2	30.6	28	84	.150	49.2	32.0	E	8			0	5 2	A St St	W W	Pt Cloudy		WSP	21
22	66.5	29.263	-.109	29.154	30.08	44.8	44.8	45	100	.298	49.2	43.1	SW	12			.03	10 -	St Lt. Fog	SW SW	Cloudy		WSP	22
23	65.0	28.915	-.104	28.811	29.73	52.7	52.7	53	100	.402	53.2	45.9	SE	17			.20	10	Nb	SE	Lt. Rain		WSP	23
24	67.0	28.952	-.110	28.842	29.77	35.3	33.0	30	79	.164	43.4	34.9	SW	19	27	SW	0	10	St	SW	Cloudy		WSP	24
25	65.0	28.995	-.104	28.891	29.84	32.2	31.6	31	94	.172	32.2	30.2	W	20			.01	10	Nb	W	Lt. Rain		WSP	25
26	67.0	29.336	-.111	29.225	30.18	24.6	22.2	17	70	.089	29.0	22.9	N	12			0	10	St	N	Cloudy		WSP	26
27	70.5	29.504	-.121	29.383	30.35	17.8	16.1	11	73	.066	26.0	17.0	N	7			0	0	0	0	Clear		WSP	27
28	72.0	29.454	-.125	29.329	30.29	18.0	15.8	9	65	.060	31.7	17.6	N	4			0	2	Ci St	NW	Clear		WSP	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	816.163	842.74	836.6	799.5	730	2368	4.281	(a)	(a)	(a)	333	(a)	(a)	1.13	211	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.149	30.098	29.9	28.6	26.1	84.6	.153	(a)	(a)	(c) SW	11.9	(a)	(a)	(a)	7.5	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	28.960	-.123	28.837	29.78	29.2	28.2	26	89	.136	35.0	29.2	NE	24	30	NE	.30	10	St	NE	Cloudy			H.F.C.	1
2	72.0	29.050	-.123	28.927	29.89	20.8	20.3	19	93	.098	22.4	20.6	NE	9			.17	10	St	NE	Cloudy			H.F.C.	2
3	72.0	29.296	-.124	29.172	30.13	22.9	21.4	18	80	.093	23.4	19.2	E	5			T	10	St	E	Cloudy			H.F.C.	3
4	69.0	29.076	-.115	28.961	27.91	33.4	32.4	31	90	.172	34.9	24.7	E	6			0	10	St	E	Cloudy			H.F.C.	4
5	66.0	28.768	-.106	28.662	29.59	35.3	35.3	35	100	.203	40.9	35.3	SW	12			.20	10	Nb	SW	Lt. Rain			H.F.C.	5
6	63.0	29.066	-.099	28.967	29.93	23.4	22.4	20	87	.103	28.3	23.4	SW	14	31	SW	.01	10	Nb	SW	Lt. Snow			H.F.C.	6
7	63.5	29.214	-.101	29.113	30.07	20.0	18.9	16	84	.085	21.6	15.0	W	16			.01	10	Nb	W	Lt Snow			H.F.C.	7
8	68.0	29.456	-.114	29.342	30.30	26.2	24.7	22	82	.113	28.3	21.6	NW	12			.02	9	St	NW	Cloudy			H.F.C.	8
9	71.0	29.629	-.123	29.506	30.48	23.8	21.8	18	74	.093	27.9	20.0	E	5			T	0	0	0	Clear			H.F.C.	9
10	71.0	29.348	-.121	29.227	30.18	38.0	33.5	27	63	.143	41.4	18.1	S	14			0	0	0	0	Clear			H.F.C.	10
11	70.5	29.246	-.120	29.126	30.07	50.6	48.0	45	83	.298	54.6	42.8	SW	14	25	SW	0	10	St	SW	Cloudy			H.F.C.	11
12	70.5	29.384	-.121	29.263	30.21	34.7	34.7	35	100	.203	46.2	34.6	E	12			.05	10	Nb	E	Lt. Rain	B7.30A E6.00P B8.10A E9.30A	BDNA E8.10A	H.F.C.	12
13	69.5	29.050	-.116	28.934	29.86	54.2	49.0	44	69	.287	59.7	34.6	SE	14			0	2	St	SE	Clear			H.F.C.	13
14	68.0	29.074	-.112	28.962	29.90	41.0	36.9	32	68	.180	51.9	41.0	SW	16	36	SW	.09	10	St	SW	Cloudy			H.F.C.	14
15	67.5	29.400	-.113	29.287	30.24	34.2	32.7	30	86	.164	34.2	32.2	SW	13	25	SW	0	10	St	SW	Cloudy			H.F.C.	15
16	70.0	29.552	-.119	29.433	30.40	28.2	26.2	22	77	.113	31.1	26.0	NW	6			0	10	St	NW	Cloudy			H.F.C.	16
17	71.0	29.593	-.122	29.471	30.43	34.2	31.0	26	70	.136	38.0	22.7	E	5			0	0	0	0	Clear			H.F.C.	17
18	71.0	29.579	-.122	29.457	30.42	33.8	29.8	24	62	.124	41.3	23.4	NE	12			0	2	Ci St	SW	Clear			H.F.C.	18
19	69.0	29.531	-.117	29.414	30.37	43.2	40.0	36	76	.211	47.3	26.2	E	8			0	5	Ci	W	Pt Cldy			H.F.C.	19
20	67.5	29.456	-.119	29.337	30.29	49.2	41.7	32	52	.180	54.0	27.6	E	7			0	2	A.St.	SW	Clear			H.F.C.	20
21	67.5	29.268	-.112	29.156	30.10	49.2	40.4	29	44	.157	53.4	32.2	E	6			0	10	St	E	Cloudy			H.F.C.	21
22	65.5	29.219	-.106	29.113	30.04	51.0	49.2	47	88	.322	54.1	44.7	E	3			0	10	St	S	Cloudy	BDNA E7.20A		H.F.C.	22
23	67.0	28.960	-.110	28.850	29.78	43.2	39.7	35	74	.203	58.2	43.2	SW	24	35	SW	T	10	St	SW	Cloudy			H.F.C.	23
24	67.0	28.977	-.110	28.867	29.82	32.0	31.4	31	94	.172	35.9	31.1	SW	12			T	10	Nb	SW	Lt Snow			H.F.C.	24
25	66.5	29.192	-.109	29.083	30.03	29.0	28.1	26	90	.136	33.2	28.8	NW	12	28	NW	T	10	St	NW	Cloudy			H.F.C.	25
26	67.0	29.391	-.111	29.280	30.24	26.0	22.9	16	63	.085	33.8	24.6	NW	12			0	0	0	0	Clear			H.F.C.	26
27	74.0	29.491	-.130	29.361	30.33	31.7	27.2	19	55	.078	36.8	17.8	N	5			0	5	Ci	NW	Pt Cloudy			H.F.C.	27
28	76.0	29.361	-.134	29.227	30.19	30.0	26.9	22	67	.113	33.7	18.0	N	4			0	1	Ci	NW	Clear			H.F.C.	28
29																									29
30																									30
31																									31
Sums		(a)	(a)	816.335	842.98	968.4	894.7	783	2160	4421	(a)	(a)	(a)	302	(a)	(a)	0.85	196	(a)	(a)	(a)	3	1	(a)	(a)
Means		(a)	(a)	29.155	30.106	34.6	32.0	28.0	77.1	.158	(a)	(a)	(c) E	10.8	(a)	(a)	(a)	7.0	(c) St.	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1915

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡	Snow unmelted. 7 p.m. to 7 p.m.* ‡‡	Hail, sleet, and snow on ground at 7 p.m.* ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In. +				In.	In.	In.	In.	
Monday 1	39	25	14	2	32																.64					0	3.3	.01+	1
2	25	20	5	10	22																.21+				0.2	0.9	4.0	.11+	2
3	23	19	4	1	21																T					0.3	3.9	T	3
4	35	22	13	7	28																.04					0	3.4	0	4
5	41	33	8	9	37																.41					0	1.9	T	5
6	33	21	12	10	27																.03+					0.3	2.2	.03+	6
7	22	15	7	9	18																.02+					0.2	2.3	.02+	7
8	28	19	9	6	24																.03+					0.5	2.6	.03+	8
9	28	18	10	1	23																T					T	2.5	T	9
10	41	17	24	6	29																0					0	T	0	10
11	55	39	16	18	47																0					0	T	0	11
12	50	35	15	5	42																.12					0	T	0	12
13	60	34	26	5	47																.04					0	T	0	13
14	55	40	15	1	48																.12					0	0	0	14
15	41	32	9	12	36																0					0	0	0	15
16	32	25	7	8	28																0					0	0	0	16
17	38	22	16	2	30																0					0	0	0	17
18	41	23	18	2	32																0					0	0	0	18
19	47	25	22	4	36																0					0	0	0	19
20	54	28	26	5	41																0					0	0	0	20
21	53	32	21	1	42																.01					0	0	0	21
22	54	43	11	6	48																.02					0	0	0	22
23	58	40	18	1	49																.20					0	0	0	23
24	40	30	10	14	35																.01					T	T	.01	24
25	33	25	8	6	29																T					0.1	T	T	25
26	34	22	12	1	28																0					0	0	0	26
27	37	17	20	1	27																0					0	0	0	27
28	34	18	16	1	26																0					0	0	0	28
29																													29
30																													30
31																													31
S	1131	739	392	154	932		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.90		Total excess or deficiency since January 1,		0.2	2.3	(a)	(a)	(a)
M	40.4	26.4	14.0	5.5	33.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

 + Estimated

SUMMARY FOR THE MONTH OF February, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .0005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.149	29.155	29.152	29.550	17"	28.590	5"	.960	30.098 ~~30.52~~	30.106 17"	30.102 ~~29.51~~	30.52	17"	29.51	5"	1.01
Corrected mean		29.147						Corrected mean		29.097	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
29.9	34.6	32.2	28.6	32.0	30.3	40.4	26.4	33.4	–	–	–	60	13"	15	7"	45	26	20	4	3"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
26.1	28.0	27.0	84.6	77.1	80.8	.153	.158	.156	6	0	20	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7818	11.6	SW	36	SW	14	6	8	13	3	3	16	3	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.5	7.0	7.5	33	4	5	19	0	2	12

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	–	0	0	19* 28"	19-22 27	12-13 22	13	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
1.90	* 0.45	4" 5"	–	0	–	–	0	–	3	14	8	2	0	17	10	6	2.3	0

(w) Maximum precipitation in 5 minutes .06, date 14; 10 minutes .07, date 14; 15 minutes .08, date 14"; 30 minutes .09, date 14"; 1 hour 0.11, date 1"; 2 hours .14, date 1"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None.																

(* 0.64 on 1st
See. St. 24 for January)

* The duration is the time precipitation was actually recorded.

8—154

Prepared by See #2, Page 10 of Inst. O. S. Palmer, L. F., Weather Bureau.

(3)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
SPECIAL OBSERVATIONS.																									
5"	5^00 P.	4^00 P.				28.590	29.51	41.0																	
17	11^40 A	10^40 A				29.550	30.52	29.0																	
							(None.)																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of March, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, 12366 - 11" to 14th. 10610 1" to 10" 14" to 24" ~~12402 25" to 31"~~

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No.; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7^00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry and Calhoun street; room 911-912; first observation taken in present office, 7^00 A. m. May 20, 1911.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.5	29.385	-.131	29.254	30.21	20.8	19.4	16	80	.085	30.2	19.8	SW	6			0	0	0	0	Clear		WSP	1
2	69.0	29.282	.116	29.166	30.12	28.8	26.6	23	74	.118	35.8	26.9	SW	12			0	8	St	W	Cloudy		WSP	2
3	70.0	29.507	.119	29.388	30.36	15.0	13.4	8	72	.057	30.8	13.8	NE	9			0	2	A.St.	W	Clear		WSP	3
4	71.0	29.606	-.122	29.484	30.45	20.0	18.8	16	82	.085	28.4	19.0	NE	14			0	9	A.St.	NW	Cloudy		WSP	4
5	66.5	29.027	-.108	28.919	29.87	29.0	29.0	29	100	.157	29.2	26.0	E	16	32	E	.09	10	Nb	E	Sleeting		WSP	5
6	67.0	29.004	-.110	28.894	29.84	32.4	32.4	32	100	.180	38.0	32.0	SW	8			.06	10	Nb	SW	Lt Snow		WSP	6
7	68.5	29.025	-.114	28.911	29.86	28.8	28.2	27	93	.143	32.0	28.0	NW	4			.01	10	Nb	NW	Lt Snow		WSP	7
8	69.0	29.375	-.116	29.259	30.22	25.2	22.6	17	68	.089	33.3	24.0	N	7			T	0	0	0	Clear		WSP	8
9	70.5	29.508	-.121	29.387	30.35	26.4	24.4	20	75	.103	32.0	24.4	W	5			0	0	0	0	Clear		WSP	9
10	71.0	29.348	-.121	29.227	30.17	28.2	26.1	22	76	.113	39.8	26.8	W	10			0	2 5	Cc.St A.St.	W W	Pt Cloudy		WSP	10
11	70.0	29.297	-.119	29.178	30.12	28.6	27.6	26	89	.136	37.6	27.4	NW	7			0	2 4	Cc.St. A.St.	NW NW	Pt Cloudy		WSP	11
12	72.0	29.440	-.125	29.365	30.32	25.4	24.1	22	84	.113	36.9	24.9	NW	5			0	0	0	0	Clear		WSP	12
13	72.0	29.503	-.125	29.378	30.34	30.0	25.9	18	56	.093	40.0	30.0	SE	4			0	9	A.St.	SW	Cloudy		WSP	13
14	76.0	29.325	-.134	29.191	30.13	34.2	31.6	28	76	.150	48.0	34.2	N	5			0	0	0	0	Clear		WSP	14
15	74.0	29.008	-.128	28.880	29.81	40.0	39.3	39	94	.237	48.2	39.3	SW	8			.06	10	Nb	SW	Lt Rain		WSP	15
16	72.5	29.064	-.124	28.940	29.89	30.0	24.7	13	44	.074	37.2	29.7	NE	16			0	2	St	NE	Clear		WSP	16
17	71.0	29.208	-.121	29.087	30.04	22.2	20.4	16	75	.085	34.1	21.3	NW	12			0	0	0	0	Clear		WSP	17
18	72.5	29.017	-.124	28.893	29.84	28.3	26.1	22	75	.113	35.0	27.2	NE	4			0	10	St	W	Cloudy		WSP	18
19	71.0	28.941	-.120	28.821	29.76	29.8	29.8	30	100	.164	40.2	27.9	NE	6			0	–	D.Fog	NE	Foggy		WSP	19
20	70.0	29.090	-.118	28.972	29.92	27.4	26.3	24	87	.124	37.2	22.6	N	2			.25	10	St	N	Cloudy		WSP	20
21	68.5	29.187	-.114	29.073	30.02	28.8	27.4	25	84	.130	36.0	26.8	W	7			T	9	St	NW	Cloudy		WSP	21
22	67.5	28.996	-.111	28.885	29.83	30.7	30.0	29	93	.157	34.4	29.2	W	6			.02	10	Nb	W	Lt Snow		WSP	22
23	66.0	29.149	-.108	29.041	29.99	30.4	29.4	28	89	.150	36.4	29.8	NW	8			0	5	St	NW	Pt Cldy		WSP	23
24	66.0	29.132	-.108	29.024	29.96	36.2	32.8	28	70	.150	41.1	35.9	SW	13			0	9	St	SW	Cloudy		WSP	24
25	67.5	29.020	-.111	28.909	29.84	42.2	42.2	42	100	.266	47.5	41.8	SW	14			.01	10	Nb	SW	Lt Rain		WSP	25
26	67.5	29.568	-.113	29.455	30.42	22.8	19.6	11	57	.066	39.4	22.6	NW	13			.02	2	St	NW	Clear		WSP	26
27	67.0	29.471	-.111	29.360	30.33	23.0	19.8	11	57	.066	29.0	19.1	SW	8			0	1	A.St	W	Clear		WSP	27
28	66.0	29.116	-.107	29.009	29.96	32.7	28.9	22	63	.113	36.4	28.0	SW	11			0	10	St	SW	Cloudy		WSP	28
29	63.0	29.193	-.100	29.093	30.05	20.0	18.3	14	74	.077	26.4	14.7	SW	12			T	4	St	W	Pt Cloudy		WSP	29
30	65.0	29.358	-.105	29.253	30.22	20.8	18.0	10	60	.063	23.4	16.9	NE	3			0	0	0	0	Clear		WSP	30
31	68.0	29.356	-.113	29.243	30.19	23.7	20.0	10	52	.063	35.5	20.9	N	6			0	0	0	0	Clear		WSP	31
Sums		(a)	(a)	902.939	932.53	861.8	803.1	678	2399	3.720	(a)	(a)	(a)	261	(a)	(a)	0.52	163	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.127	30.082	27.8	25.9	21.9	77.4	.120	(a)	(a)	(c) SW	8.4	(a)	(a)	(a)	5.3	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	65.0	29.276	-.105	29.171	30.12	35.8	30.3	21	52	.108	40.0	20.8	SW	7			0	0	0	0	Clear			HWC	1
2	69.0	29.316	-.116	29.200	30.15	30.8	26.8	20	58	.103	36.2	28.8	NW	8			T	2	St	NW	Clear			HWC	2
3	72.0	29.555	-.125	29.430	30.40	28.4	25.1	18	63	.093	31.4	15.0	NE	10			0	0	0	0	Clear			HWC	3
4	72.0	29.396	-.125	29.271	30.23	29.2	26.7	22	72	.113	32.3	20.0	NE	24	28	E	0	10	St	NE	Cloudy			HWC	4
5	71.0	28.947	-.120	28.827	29.77	33.2	33.2	33	100	.187	33.2	29.0	E	6			.22	10	St Fog	E	Cloudy	B 4.50 P E DNP		HWC	5
6	68.0	29.019	-.112	28.907	29.86	32.0	31.6	31	96	.172	35.2	32.0	SW	6			T	10	Nb	SW	Lt Snow			HWC	6
7	69.0	29.187	-.116	29.071	30.02	33.3	32.8	32	95	.180	36.2	28.0	N	12			T	10	Nb	N	Lt Snow			HWC	7
8	72.0	29.467	-.125	29.342	30.30	32.0	27.6	19	56	.098	36.7	25.2	N	5			0	0	0	0	Clear			HWC	8
9	70.5	29.404	-.121	29.283	30.23	37.8	33.8	25	53	.130	41.2	26.4	NW	7			0	0	0	0	Clear			HWC	9
10	72.0	29.284	-.124	29.160	30.10	37.6	32.5	25	58	.130	44.9	28.2	NW	7			0	1	A St.	NW	Clear			HWC	10
11	73.0	29.367	-.126	29.241	30.18	36.9	33.9	30	74	.164	41.3	28.6	NW	8			0	4	St	NW	Pt Cloudy			HWC	11
12	73.0	29.500	-.127	29.373	30.33	40.0	33.4	23	48	.118	44.2	25.4	NE	4			0	0	0	0	Clear			HWC	12
13	72.0	29.346	-.124	29.222	30.16	48.0	40.0	30	48	.164	51.2	30.0	NW	3			0	10	A St	SW	Cloudy			HWC	13
14	72.5	29.198	-.125	29.073	30.01	48.2	40.2	30	48	.164	51.8	34.2	NW	4			0	10	A St	NW	Cloudy			HWC	14
15	71.0	28.979	-.120	28.859	29.80	37.0	35.1	32	84	.180	40.0	37.0	W	5			T	10	St	W	Cloudy			HWC	15
16	73.5	29.131	-.128	29.003	29.95	34.1	28.6	18	49	.093	40.2	30.0	N	9			0	1	St	N	Clear			HWC	16
17	72.5	29.133	-.125	29.008	29.96	35.0	30.2	22	57	.113	39.1	22.2	NW	5			0	1	St	NW	Clear			HWC	17
18	71.5	28.943	-.121	28.822	29.76	40.2	34.7	27	57	.143	40.3	28.3	S	5			T	10	St	SW	Cloudy			HWC	18
19	69.0	29.037	-.115	28.922	29.87	37.2	34.7	31	79	.172	42.4	29.8	NW	8			0	10	St	NW	Cloudy	B 7.20 A E DNP L 7.50 A 1 7.20 A		HWC	19
20	69.0	29.130	-.116	29.014	29.96	36.0	35.4	35	94	.203	37.2	27.4	W	6			T	10	Nb	W	Lt Snow			HWC	20
21	67.5	29.098	-.111	28.987	29.94	34.4	30.0	23	59	.118	36.3	28.8	W	6			T	10	St	W	Cloudy			HWC	21
22	66.0	29.067	-.107	28.960	29.91	36.4	35.0	33	88	.187	37.2	30.1	W	8			.02	8	A St.	NE	Cloudy			HWC	22
23	65.5	29.107	-.106	29.001	29.95	41.1	36.1	29	62	.157	43.2	30.4	SW	6			0	10	St	W	Cloudy			HWC	23
24	65.0	29.018	-.104	28.914	29.85	47.5	40.0	30	50	.164	49.9	36.0	SW	8	26	SW	0	8	St	W	Cloudy			HWC	24
25	65.0	29.266	-.105	29.161	30.10	39.0	37.0	34	84	.195	44.3	37.2	NW	6			.03	5	St	NW	Pt Cloudy			HWC	25
26	69.0	29.549	-.117	29.432	30.40	29.0	26.0	20	67	.103	31.8	22.2	NW	6			0	0	0	0	Clear			HWC	26
27	67.5	29.249	-.112	29.137	30.09	36.2	30.0	19	46	.098	39.8	23.0	SW	7			0	1	A St.	W	Clear			HWC	27
28	64.0	29.132	-.102	29.030	29.98	26.2	24.2	20	75	.103	41.1	26.2	NW	20	25	SW	.01	4	St	NW	Pt Cloudy			HWC	28
29	64.0	29.208	-.102	29.106	30.07	23.4	20.6	14	63	.077	30.2	20.0	NW	18	27	W	T	1	St	NW	Clear			HWC	29
30	67.5	29.288	-.112	29.176	30.13	35.5	30.0	20	51	.103	41.9	20.8	NW	8			0	0	0	0	Clear			HWC	30
31	72.0	29.366	-.124	29.242	30.19	33.2	30.2	25	71	.130	40.3	23.7	NE	9			0	0	0	0	Clear			HWC	31
Sums		(a)	(a)	902.345	931.77	1106.6	985.7	791	2057	4.263	(a)	(a)	(a)	251	(a)	(a)	0.28	156	(a)	(a)	(a)	2	1	(a)	(a)
Means		(a)	(a)	29.108	30.057	35.7	31.8	25.5	66.4	.138	(a)	(a)	(c) NW	8.1	(a)	(a)	(a)	5.0	(c) St	(c) NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	40	20	20	4	30																0				0	0	0	0	1
2	36	22	14	1	29																T				0	T	0	T	2
3	31	14	17	7	22																0				0	0	0	0	3
4	32	19	13	4	26																0				0	0	0	0	4
5	38	26	12	6	32																.35				0.2	T	T	T	5
6	37	30	7	2	34																.02				0	T	T	T	6
7	36	28	8	2	32																.01				0	0.1	T	.01	7
8	37	24	13	2	30																0				0	T	0	0	8
9	46	24	22	5	35																0				0	0	0	0	9
10	45	27	18	1	36																0				0	0	0	0	10
11	41	27	14	2	34																0				0	0	0	0	11
12	44	25	19	0	34																0				0	0	0	0	12
13	51	30	21	6	40																0				0	0	0	0	13
14	52	34	18	3	43																0				0	0	0	0	14
15	42	34	8	5	38																.06				0	0	0	0	15
16	40	29	11	4	34																0				0	0	0	0	16
17	39	21	18	4	30																0				0	0	0	0	17
18	40	27	13	4	34																T				0	T	0	T	18
19	42	28	14	1	35																.18				0	0	0	.18	19
20	37	23	14	5	30																.07				0	2.6	T	.07	20
21	36	27	9	2	32																T				0	T	T	T	21
22	37	29	8	1	33																.04				0	0.4	0	.04	22
23	43	30	13	3	36																0				0	0	0	0	23
24	50	36	14	7	43																0				0	0	0	0	24
25	46	30	16	5	38																.04				0	0	0	0	25
26	32	22	10	11	27																.02				0	0.2	0	.02	26
27	40	19	21	3	30																0				0	0	0	0	27
28	41	21	20	1	31																.01				0	0.1	T	.01	28
29	30	15	15	9	22																T				0	T	0	T	29
30	42	17	25	8	30																0				0	0	0	0	30
31	40	21	19	0	30																0				0	0	0	0	31
S.	1243	779	464	118	1010		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.80		Total excess or deficiency since January 1,		0.2	3.4	(a)	(a)	(a)
M.	40.1	25.1	15.0	3.8	32.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) ✓ Estimated.

8—154

SUMMARY FOR THE MONTH OF March, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.127	29.108	29.118	29.500	4"	28.780	19	.720	30.078	30.057	30.068	30.47	4	29.72	19	0.75
Corrected mean		29.113						Corrected mean		30.065	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
27.8	33.7	31.8	25.9	31.8	28.8	40.1	25.1	32.6	-	-	-	52	14	14	3	38	25	30	7	6

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
21.9	25.5	23.7	77.4	66.4	71.9	.120	.138	.129	3	0	28	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6908	9.3	NW	32	E	4"	7	10	2	1	1	14	8	19	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.3	5.0	5.8	53	12	3	16	1	0	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	13	25	5-19	19	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.80	0.35	5"	—	0	—	—	0	—	4	10	6	1	0	14	12	6	34	0

T.B. Not reliable on acct. of sleet and snow.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1915.

Number of Station barometer, ...; sum of corrections, ... inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4"	5.20 A	4.20 A	-	-	-	29.500	30.47	20.0																	
19"	3.40 A	2.40 A	-	-	-	28.780	29.72	30.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7 00 A. m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.0	29.404	-.127	29.277	30.24	30.3	28.7	26	83	.136	33.2	24.9	W	6			0	3 7	Ast St	W W	Cloudy		WSP	1
2	73.5	29.456	-.129	29.327	30.28	32.0	29.3	25	72	.130	36.0	30.5	N	4			T	10	St	NW	Cloudy		WSP	2
3	76.0	29.436	-.135	29.301	30.26	29.0	26.0	20	67	.103	35.2	27.7	NE	16			0	1	St	NE	Clear		WSP	3
4	77.0	29.364	-.137	29.227	30.17	32.2	28.4	22	62	.113	39.4	27.2	SW	3			0	1	A St. Ci.	W NW	Clear		WSP	4
5	77.5	29.102	-.137	28.965	29.89	46.3	39.8	31	56	.172	51.2	44.2	S	12			.03	10	St	S	Cloudy		WSP	5
6	75.5	29.314	-.133	29.181	30.11	46.0	42.8	40	77	.247	63.5	42.2	SW	9			0	7	St	NW	Pt Cloudy		WSP	6
7	74.0	29.492	-.130	29.362	30.30	40.0	38.0	35	84	.203	60.0	38.8	NE	12			0	10	St	NE	Cloudy		HFC	7
8	71.0	29.528	-.122	29.406	30.35	43.0	36.6	27	53	.143	55.2	37.9	SE	4			0	3 4	Ci St A St.	W W	Pt Cloudy		HFC	8
9	75.0	29.249	-.132	29.117	30.04	55.7	46.3	36	48	.211	64.5	47.0	S	10			T	10	St	S	Cloudy		HFC	9
10	72.0	28.995	-.123	28.872	29.77	57.4	55.8	55	90	.432	66.4	54.8	S	9			.13	10	Nb	S	Sprinkling		WSP	10
11	73.0	28.970	-.125	28.845	29.77	49.0	46.6	44	84	.287	52.2	41.8	SW	12			0	9	St. Cu	SW	Cloudy		WSP	11
12	73.0	29.240	-.126	29.114	30.05	41.2	41.2	41	100	.256	47.6	40.7	SW	4			.07	10	Nb	SW	Lt Rain		HFC	12
13	71.0	29.667	-.123	29.544	30.50	34.0	32.0	29	81	.157	37.3	29.4	N	6			0	0	0	0	Clear		HFC	13
14	69.0	29.632	-.118	29.514	30.46	38.5	35.0	30	72	.164	50.1	33.3	NE	4			0	0	0	0	Clear		HFC	14
15	68.5	29.555	-.115	29.440	30.39	38.0	33.1	26	60	.136	53.2	35.4	NE	6			0	0	0	0	Clear		HFC	15
16	69.5	29.298	-.117	29.181	30.11	49.4	47.4	45	87	.298	52.0	47.1	SW	12			.02	10	St	SW	Cloudy		HFC	16
17	67.0	29.463	-.111	29.352	30.30	37.6	34.9	31	77	.172	52.4	32.5	NE	8			0	0	0	0	Clear		HFC	17
18	70.5	29.356	-.120	29.236	30.17	46.1	42.6	39	75	.237	57.7	42.6	S	9			0	2	Ci	SW	Clear		HFC	18
19	67.5	29.082	-.111	28.971	29.89	56.4	47.9	39	53	.237	67.0	53.8	SW	10			0	10	Ci	SW	Cloudy		HFC	19
20	73.0	29.072	-.125	28.947	29.86	59.0	52.8	48	67	.334	72.0	57.1	SW	8			0	2	Ci	SW	Clear		HFC	20
21	73.0	29.308	-.126	29.182	30.11	47.2	41.3	34	61	.195	64.5	45.2	NE	18			0	10	St	NE	Cloudy		HFC	21
22	70.0	29.257	-.119	29.138	30.07	60.4	57.2	55	83	.432	60.4	46.5	SE	14			.22	4 5	A St. St.	SW SW	Cloudy		HFC	22
23	70.0	29.368	-.119	29.249	30.18	60.4	60.4	60	100	.517	65.3	58.2	SW	7			.01	8	Nb	SW	Lt Rain		HFC	23
24	73.0	29.400	-.127	29.273	30.19	67.2	60.7	56	69	.448	77.0	64.0	SW	5			0	1	St	SW	Clear		HFC	24
25	77.0	29.449	-.138	29.311	30.23	64.5	58.5	54	70	.417	81.0	61.2	W	1	26	SE	0	8	A Cu.	SW	Cloudy		HFC	25
26	80.0	29.373	-.145	29.228	30.14	69.8	64.8	62	77	.555	80.9	61.9	SW	3			0	0	0	0	Clear		HFC	26
27	80.0	29.207	-.145	29.062	29.97	67.0	60.3	56	68	.448	76.0	64.2	S	8			0	6	Ci	SW	Pt Cloudy		HFC	27
28	79.0	29.094	-.141	28.953	29.86	64.0	59.8	58	78	.482	72.9	58.3	SW	8			T	0	0	0	Clear		HFC	28
29	77.0	29.019	-.136	28.883	29.79	54.3	45.3	35	48	.203	74.7	53.2	NW	12			0	0	0	0	Clear		HFC	29
30	73.0	28.888	-.125	28.763	29.67	52.1	47.6	43	72	.277	59.0	48.8	SW	3			0	1	St	W	Clear		HFC	30
31																								31
Sums	(a)	(a)	(a)	875.221	903.14	1468	1341	1202	2174	8.142	(a)	(a)	(a)	243	(a)	(a)	0.48	163	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.174	30.105	48.9	44.7	40.1	72.5	.271	(a)	(a)	(c) SW	8.1	(a)	(a)	(a)	5.4	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	69.0	29.366	.116	29.250	30.20	36.0	32.2	26	67	.136	34.3	30.3	N	4			T	8	St	NW	Cloudy			H.P.C.	1
2	73.0	29.434	.127	29.307	30.26	35.2	30.7	23	59	.118	40.4	32.0	N	6			T	10	St	N	Cloudy			H.P.C.	2
3	74.0	29.302	.129	29.173	30.11	38.8	34.0	27	61	.143	43.2	29.0	N	5			0	0	0	0	Clear			H.P.C.	3
4	75.0	29.185	.132	29.053	29.99	51.2	41.2	28	40	.150	54.3	32.2	SE	9			0	10	A.St	S	Cloudy			H.P.C.	4
5	75.0	29.076	.125	28.951	29.88	63.5	54.0	46	54	.310	66.2	46.3	SW	6			0	10	St	SW	Cloudy			H.P.C.	5
6	73.0	29.300	.126	29.174	30.10	60.0	50.2	41	50	.256	69.8	46.0	NW	5			0	6	A.St	NW	Pt Cloudy			H.P.C.	6
7	72.5	29.466	.126	29.340	30.28	55.2	43.0	27	33	.143	59.9	40.0	E	5			0	5	Ci.St	W	Pt Cloudy			H.P.C.	7
8	72.0	29.316	.124	29.192	30.12	64.5	48.0	29	26	.157	69.6	43.0	E	5			0	9	Ci.St	SW	Cloudy			H.P.C.	8
9	72.0	29.126	.124	29.002	29.92	66.4	60.4	56	71	.448	67.2	55.7	S	12	26	S	.10	10	St	SW	Cloudy			H.P.C.	9
10	[illegible]	29.102	.125	28.977	29.91	52.2	49.0	46	80	.310	57.8	51.3	W	6	30	SW	.51	2	St	W	Clear			H.P.C.	10
11	72.0	29.105	.123	28.982	29.91	4[illegible]	44.0	40	7[illegible]	.247	50.1	42.8	W	12	39	SW	.1[illegible]	0	St	NW	Cloudy			H.P.C.	11
12	71.0	29.538	.122	29.416	30.37	37.3	34.8	31	79	.172	41.4	37.3	NW	8			T	10	St	NW	Cloudy			H.P.C.	12
13	70.5	29.570	.121	29.449	30.40	50.1	42.6	34	53	.195	52.3	34.0	E	4			0	1	Ci	NW	Clear			H.P.C.	13
14	70.0	29.516	.119	29.397	30.35	53.2	44.2	34	47	.195	56.3	38.5	NE	8			0	0	0	0	Clear			H.P.C.	14
15	70.0	29.389	.119	29.270	30.21	52.0	47.0	42	69	.266	61.3	38.0	W	4			T	10	St	W	Cloudy			H.P.C.	15
16	70.0	29.358	.119	29.239	30.17	52.4	47.0	42	67	.266	65.2	49.4	NE	12			0	0	0	0	Clear			H.P.C.	16
17	72.0	29.374	.114	29.250	30.18	57.7	46.2	33	40	.187	61.8	37.6	NE	8			0	0	0	0	Clear			H.P.C.	17
18	72.0	29.157	.124	29.033	29.96	67.0	52.5	39	36	.237	72.0	46.1	SW	8			0	9	Ci.St	SW	Cloudy			H.P.C.	18
19	73.0	29.037	.125	28.912	29.52	72.0	56.4	44	37	.287	80.9	56.4	SW	12	26	NW	T	7	A.St	NW	Pt Cloudy			H.P.C.	19
20	74.0	29.135	.129	29.006	29.93	64.5	54.0	46	50	.310	80.3	59.0	NE	16			0	8	St	NW	Cloudy			H.P.C.	20
21	71.0	29.251	.121	29.130	30.06	51.4	46.4	41	69	.256	59.2	47.2	NE	10			T	10	St	NE	Cloudy			H.P.C.	21
22	72.5	29.307	.125	29.182	30.10	65.3	61.3	59	80	.499	69.4	60.4	SW	12			.28	9	St	SW	Cloudy			H.P.C.	22
23	73.0	29.312	.126	29.186	30.11	77.0	67.2	62	60	.555	80.0	60.4	SE	6			T	0	0	0	Clear			H.P.C.	23
24	73.0	29.364	.126	29.238	30.15	81.0	67.0	60	48	.517	84.9	67.2	S	3			0	3	A.St	SW	Clear			H.P.C.	24
25	80.0	29.366	.145	29.221	30.13	80.9	66.9	60	48	.517	85.7	64.5	W	1			0	1	St	SW	Clear			H.P.C.	25
26	81.5	29.242	.149	29.093	30.00	76.0	65.4	60	57	.517	87.3	69.8	E	4			T	3	St	S	Clear			H.P.C.	26
27	80.5	29.047	.145	28.902	29.81	72.9	62.9	57	58	.465	82.0	67.0	SW	12	32	SW	.03	2 2	Ci St	SW SW	Pt Cloudy			H.P.C.	27
28	80.0	28.977	.144	28.833	29.73	74.7	60.7	51	44	.373	81.2	64.0	NW	3	30	SW	.03	1	St	W	Clear			H.P.C.	28
29	76.5	28.925	.134	28.791	29.70	59.0	50.2	42	54	.266	66.2	54.2	NW	8	25	W	0	1	St	NW	Clear			H.P.C.	29
30	75.0	28.882	.131	28.751	29.67	52.0	46.7	41	67	.256	61.3	52.0	NW	10			0	2	St	NW	Clear			H.P.C.	30
31																									31
Sums		(a)	(a)	873.700	901.53	17[illegible]	1506	1267	1679	8.754	(a)	(a)	(a)	224	(a)	(a)	1.10	159	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.123	30.051	58.9	50.2	42.2	56.0	.292	(a)	(a)	(c) NE, SW, NW	7.5	(a)	(a)	(a)	5.3	(c) St	(c) SW, NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1915

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. p.m. to p.m. * ‡‡	Snow unmelted. p.m. to p.m. * ‡‡	Hail, sleet, and snow on ground at p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	39	25	14	2	32																T					T	0	T	1
2	40	30	10	3	35																T					T	0	T	2
3	43	28	15	1	36																0								3
4	54	27	27	4	40																.03								4
5	66	44	22	15	55																0								5
6	70	42	28	1	56																0								6
7	60	39	21	6	50																0								7
8	70	38	32	4	54																0								8
9	67	47	20	3	57																.12								9
10	58	46	12	5	52																.62								10
11	50	42	8	6	46																.21								11
12	43	33	10	8	38																.01								12
13	52	29	23	2	40																0								13
14	56	33	23	4	44																0								14
15	61	35	26	4	48																T								15
16	65	38	27	4	52																.02								16
17	62	32	30	5	47																0								17
18	72	43	29	11	58																0								18
19	81	54	27	10	68																T								19
20	80	51	29	2	66																0								20
21	59	45	14	14	52																T								21
22	69	46	23	6	58																.50								22
23	80	58	22	11	69																.01								23
24	85	64	21	5	74																0								24
25	86	61	25	0	74																0								25
26	87	62	25	0	74																T								26
27	82	64	18	1	73																.03								27
28	81	58	23	3	70																.03								28
29	66	53	13	10	60																0								29
30	61	40	21	10	50																0								30
31																													31
S	1945	1307	638	160	1628		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.58		Total excess or deficiency since January 1,		0	T	(a)	(a)	(a)
M	64.8	43.6	21.3	5.3	54.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF April, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.174	29.123	29.148	29.550	13	28.720	30	0.830	30.105	30.051	30.078	30.51	13	29.63	30	0.88
Corrected mean		29.143						Corrected mean		30.073	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
48.9	58.9	53.9	44.7	50.2	47.4	64.8	43.6	54.2	—	—	—	87	26	25	1	62	32	8	8	11

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
40.1	42.2	41.2	72.5	56.0	64.2	.271	.292	.282	0	0	5	0

WIND.

Total movement (mid. to mid.)	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6.724	9.3	SW	39	SW	11	5	11	4	4	7	17	6	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.4	5.3	5.3	63	10	7	13	1	2	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	17	9.10.20.22 28	0	18 4	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.58	0.64	9 4 10	—	0	—	—	0	—	6	10	4	2	0	16	2	0	[illegible]	[illegible]

(w) Maximum precipitation in 5 minutes .09, date 10; 10 minutes .14, date 10; 15 minutes .17, date 10; 30 minutes .24, date 10; 1 hour .29, date 10; 2 hours .41, date 10

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					None															

*The duration is the time precipitation was actually recorded.

8—154

Prepared by H. T. Collman

H. T. Collman Temp. in Charge, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1915

Number of Station barometer, 656; sum of corrections, +.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
13	9.00A	8.00A				29.550	30.51	38.0																	
30	3.00P	2.00P				28.720	29.63	60.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7 00 A. m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1915

Number of Station barometer, 6556; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.0	29.005	-.115	28.890	29.82	44.2	40.0	35	70	.203	52.0	36.5	N	8			0	5	St	N	Pt Cloudy		J.A.C.	1
2	71.0	29.222	-.121	29.101	30.03	50.2	46.0	42	73	.266	58.4	41.3	E	3			0	2 2	Ci. A.St.	W W	Pt Cloudy		J.A.C.	2
3	71.0	28.938	-.120	28.818	29.73	50.2	47.0	48	92	.334	57.2	49.2	E	3			.17	10	St	SE	Cloudy		J.A.C.	3
4	71.5	28.773	-.120	28.653	29.56	51.2	48.2	45	81	.298	68.0	47.1	NW	12			.06	10	St	NW	Cloudy		J.A.C.	4
5	67.0	29.012	-.110	28.902	29.83	42.2	40.1	38	84	.228	47.2	35.3	W	4			0	2	A.St.	W	Clear		J.A.C.	5
6	65.5	29.130	-.116	29.014	29.94	51.1	47.6	44	78	.287	53.0	47.2	S	7			0	10	St	S	Cloudy		J.A.C.	6
7	66.0	28.700	-.106	28.594	29.50	63.6	60.8	59	76	.499	63.6	55.2	SW	20			.48	10	St	SW	Cloudy		J.A.C.	7
8	66.0	28.850	-.106	28.744	29.65	52.2	48.0	44	74	.287	55.0	48.7	SW	16			0	0	0	0	Clear		J.A.C.	8
9	65.5	29.140	-.106	29.034	29.96	47.0	44.0	41	79	.256	52.9	45.2	W	7			0	10	St	W	Cloudy		P. Mel	9
10	63.0	29.335	-.100	29.235	30.17	47.0	43.0	39	73	.237	52.8	40.0	SW	6			0	1	St.Cu.	SW	Clear		P. Mel	10
11	65.0	29.449	-.106	29.343	30.28	54.3	47.3	40	59	.247	64.0	47.9	SE	5			0	7	Ci.St.	W	Pt Cloudy		P. Mel	11
12	67.0	29.242	-.110	29.132	30.05	54.0	50.0	47	76	.322	68.8	51.6	NE	3			0	5	A.Cu.	SW	Pt Cloudy		P. Mel	12
13	72.0	29.232	-.124	29.108	30.02	60.5	56.5	54	78	.417	74.8	57.0	N	5			0	8	St.Cu.	N	Cloudy		P. Mel	13
14	71.0	29.240	-.121	29.119	30.04	52.5	49.0	46	78	.310	65.0	49.9	NE	9			0	4	Ci.Cu.	NW	Pt Cloudy		P. Mel	14
15	70.5	29.220	-.120	29.100	30.03	47.0	44.0	41	79	.256	65.2	47.0	E	3			.15	10	Nb	E	Lt Rain		P. Mel	15
16	70.0	28.856	-.117	28.734	29.65	53.0	50.0	47	82	.322	64.8	51.2	W	24	40	NW	.34	10	St.Cu.	W	Cloudy		P. Mel	16
17	71.5	29.223	-.122	29.101	30.03	41.8	39.3	36	81	.211	56.0	40.0	NW	13			0	4	St.Cu.	NW	Cloudy		P. Mel	17
18	70.0	29.252	-.119	29.133	30.07	40.5	39.5	38	92	.228	50.0	39.8	N	5			T	10	Nb	N	Lt Rain		P. Mel	18
19	65.5	29.456	-.107	29.349	30.30	40.2	37.2	33	76	.187	47.8	36.8	NE	4			0	6 2	Ci.St. St.	SW NE	Cloudy		P. Mel	19
20	65.5	29.132	-.106	29.026	29.96	47.4	44.4	41	79	.256	54.0	45.4	E	16			.01	9	St.Cu.	E	Cloudy		P. Mel	20
21	66.0	28.963	-.107	28.856	29.77	69.0	65.0	63	81	.575	69.0	54.0	S	20	32	SW	T	10	St.Cu.	S	Lt Rain		P. Mel	21
22	70.0	29.162	-.118	29.044	29.96	54.0	50.0	47	76	.322	67.8	50.0	SW	8			0	10	St	SW	Cloudy		P. Mel	22
23	69.0	29.320	-.116	29.204	30.13	52.8	47.3	42	67	.266	57.8	46.4	SE	8			0	2	Ci.St.	W	Clear		P. Mel	23
24	69.5	29.153	-.117	29.036	29.96	56.0	54.5	53	91	.402	65.0	55.2	N	6			.74	10	St	N	Cloudy		P. Mel	24
25	70.0	29.246	-.118	29.128	30.05	59.5	55.0	52	76	.387	67.5	55.0	S	10			0	3	St.Cu.	S	Clear		P. Mel	25
26	70.5	29.058	-.119	28.939	29.85	58.0	56.5	56	91	.448	68.3	57.3	NE	19			T	10	St	NE	Cloudy		P. Mel	26
27	68.5	29.434	-.115	29.319	30.26	42.5	37.0	30	60	.164	51.2	36.0	E	16			T	9	St.Cu.	E	Cloudy		P. Mel	27
28	65.5	29.132	-.106	29.026	29.96	47.0	46.0	45	93	.298	53.0	47.0	E	12			.07	10	Nb	E	Lt Rain		P. Mel	28
29	65.0	28.872	-.104	28.768	29.68	50.5	48.0	46	84	.310	54.9	47.8	NE	18			1.04	10	St	NE	Cloudy		P. Mel	29
30	64.0	28.980	-.102	28.878	29.80	51.0	46.0	41	69	.256	54.0	51.0	NE	12			T	10	St	NE	Cloudy		P. Mel	30
31	65.0	29.223	-.105	29.118	30.04	54.2	57.2	49	82	.347	62.0	48.8	NE	12			0	6	St.Cu.	NE	Pt Cloudy		P. Mel	31
Sums		(a)	(a)	899.451	928.08	1584.6	1480.4	1382	2430	9.426	(a)	(a)	(a)	319	(a)	(a)	3.06	232	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.015	29.938	51.1	47.8	44.6	78.4	.304	(a)	(a)	(c) NE	10.3	(a)	(a)	(a)	7.5	(c) St.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.083	.120	28.963	29.89	58.4	49.4	41	52	.256	60.9	44.2	NW	3			0	2 3	A St. St	NW NW	Pt Cloudy			HFC.	1
2	69.0	29.128	.116	29.012	29.94	57.2	57.2	57	100	.465	63.8	50.2	S	4			.08	10	Nb	SE	Ft. Rain			HFC.	2
3	72.5	28.814	.123	28.691	29.60	68.0	62.0	68	100	.684	76.2	50.2	SW	14	25	SW	T	10	Nb	SW	Ft. Rain			HFC.	3
4	69.5	28.920	.116	28.804	29.72	47.2	42.7	37	69	.219	54.3	46.3	NW	10	30	W	.19	10	St	NW	Cloudy			HFC.	4
5	68.0	29.044	.112	28.932	29.86	53.0	50.0	47	82	.322	57.2	42.2	W	3			.14	5	St	W	Pt Cloudy			HFC.	5
6	66.5	28.962	.108	28.854	29.77	61.0	55.0	51	68	.373	66.2	51.1	SE	8			T	9	St	SW	Cloudy			HFC.	6
7	68.0	28.841	.112	28.729	29.64	55.0	48.2	41	61	.256	64.2	55.0	SW	11	34	SW	T	2	St	SW	Clear			HFC.	7
8	68.0	28.950	.112	28.838	29.75	52.9	46.7	40	63	.247	66.7	52.2	NW	14	35	SW	T	9	St	W	Cloudy			HFC.	8
9	65.0	29.218	.105	29.113	30.04	52.8	47.8	43	70	.277	53.2	47.0	W	4			0	7	St	SW	Pt Cloudy			HFC.	9
10	66.0	29.349	.108	29.241	30.17	64.0	57.5	53	68	.402	67.4	47.0	W	4			0	0	0	0	Clear			HFC.	10
11	67.0	29.302	.111	29.191	30.11	68.8	55.8	46	44	.310	72.2	54.3	SE	4			0	10	St.	SW	Cloudy			HFC.	11
12	72.0	29.116	.123	28.993	29.91	74.8	58.8	47	38	.322	81.0	54.0	SW	5			0	1	Cu. Stu.	SW SW	Clear			HFC.	12
13	73.0	29.189	.126	29.063	29.98	65.0	58.8	55	69	.432	70.3	60.5	NW	6			T	4	St Cu.	NW	Pt Cloudy			HFC.	13
14	72.0	29.164	.124	29.040	29.96	65.2	52.2	40	40	.247	68.9	52.5	N	6			0	10	St	N	Cloudy			HFC.	14
15	73.0	29.107	.125	28.982	29.69	64.8	53.8	45	48	.298	68.8	44.2	[illegible]	[illegible]			.01	0	St	S	Cloudy			HFC.	15
16	70.0	28.967	.118	28.849	29.76	56.0	49.1	43	61	.277	73.5	51.7	NW	20	30	W	0	4	St	NW	Pt Cloudy			HFC.	16
17	71.0	29.243	.121	29.122	30.06	50.0	41.8	32	49	.180	52.1	41.8	NW	6			0	1	St	NW	Clear			HFC.	17
18	69.0	29.347	.116	29.231	30.16	47.8	42.8	37	67	.219	49.7	40.2	N	9			.16	9	St	N	Cloudy			HFC.	18
19	68.0	29.305	.113	29.192	30.12	54.0	47.6	41	63	.256	57.8	40.2	NE	12			0	10	St	NE	Cloudy	B1.50 P. ES. 1.5 P. G 6.30 P. EDR P.		HFC.	19
20	68.0	29.050	.112	28.938	29.87	58.0	57.5	57	97	.465	60.2	47.4	NE	9			.16	—	St Hog	NE NE	Cloudy			HFC.	20
21	72.0	29.051	.125	28.926	29.84	67.8	57.8	51	55	.373	78.2	64.2	SW	16	44	SW	.13	0	0	0	Clear			HFC.	21
22	71.0	29.230	.121	29.109	30.04	57.8	50.3	44	60	.287	66.9	54.0	NW	11			0	0	0	0	Clear			HFC.	22
23	70.0	29.120	.118	29.002	29.92	65.0	57.0	51	62	.373	70.9	52.8	SW	8			0	10	St	SW	Cloudy			HFC.	23
24	71.0	29.229	.121	29.108	30.03	67.5	60.0	56	65	.448	69.9	55.3	SW	3			0	6	St	SW	Pt Cloudy			HFC.	24
25	71.5	28.944	.121	28.823	29.72	68.3	63.8	61	78	.536	73.1	59.5	SW	6			.02	9	Cu St	SW	Cloudy			HFC.	25
26	70.0	29.300	.119	29.181	30.11	51.2	43.7	35	54	.203	59.9	51.2	NE	16	28	NE	.05	8	St	N	Cloudy			HFC.	26
27	67.5	29.223	.112	29.111	30.04	53.0	46.8	41	63	.256	56.0	42.5	NE	10			T	10	St	NE	Cloudy			HFC.	27
28	67.0	28.965	.110	28.853	29.78	54.9	54.9	55	100	.432	58.4	47.0	NE	10			.28	10	Nb	NE	Ft Rain			HFC.	28
29	66.0	28.895	.107	28.788	29.71	54.0	48.6	43	68	.277	55.1	50.5	NE	11			.24	10	St	NE	Cloudy			HFC.	29
30	66.0	29.087	.107	28.980	29.91	62.0	54.8	50	63	.360	66.2	51.0	NE	10			0	9	St	NE	Cloudy			HFC.	30
31	69.0	29.216	.116	29.100	30.02	65.5	55.0	46	50	.310	70.8	54.2	NE	7			0	0	0	0	Clear			HFC.	31
Sums		(a)	(a)	898.559	927.12	1840.9	1633.4	1454	2027	10.362	(a)	(a)	(a)	274	(a)	(a)	1.54	208	(a)	(a)	(a)	1		(a)	(a)
Means		(a)	(a)	28.986	29.907	59.4	52.7	46.9	65.4	.334	(a)	(a)	(c) NE	8.8	(a)	(a)	(a)	6.7	(c) St.	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ½ p.m. to ½ p.m. * ‡‡	Snow unmelted. ½ p.m. to ½ p.m. * ‡‡	Hail, sleet, and snow on ground at -- p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	61	36	25	2	48																0				0	0	0	0	1
2	64	41	23	4	52																.08				0	0	0	0	2
3	76	48	28	10	62																.23				0	0	0	0	3
4	54	39	15	16	46																.19				0	0	0	0	4
5	59	35	24	1	47																.14				0	0	0	0	5
6	66	47	19	9	56																.18				0	0	0	0	6
7	64	52	12	2	58																.30				0	0	0	0	7
8	67	47	20	1	57																T				0	0	0	0	8
9	53	45	8	8	49																0				0	0	0	0	9
10	67	40	27	5	54																0				0	0	0	0	10
11	72	48	24	6	60																0				0	0	0	0	11
12	81	52	29	6	66																0				0	0	0	0	12
13	70	55	15	4	62																T				0	0	0	0	13
14	69	50	19	2	60																.01				0	0	0	0	14
15	69	44	25	4	56																.57				0	0	0	0	15
16	74	45	29	4	60																0				0	0	0	0	16
17	52	40	12	14	46																0				0	0	0	0	17
18	50	40	10	1	45																.16				0	0	0	0	18
19	58	37	21	3	48																0				0	0	0	0	19
20	60	45	15	4	52																.17				0	0	0	0	20
21	78	54	24	14	66																.13				0	0	0	0	21
22	67	50	17	12	58																0				0	0	0	0	22
23	71	46	25	0	58																T				0	0	0	0	23
24	70	55	15	4	62																.74				0	0	0	0	24
25	73	55	18	2	64																.02				0	0	0	0	25
26	62	38	24	14	50																.05				0	0	0	0	26
27	56	36	20	4	46																T				0	0	0	0	27
28	58	47	11	6	52																.99				0	0	0	0	28
29	55	48	7	0	52																.64				0	0	0	0	29
30	66	51	15	6	58																T				0	0	0	0	30
31	71	49	22	2	60																0				0	0	0	0	31
S.	2013	1415	598	170	1710		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.60		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	64.9	45.6	19.3	5.5	55.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF May, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.015	28.986	29.000	29.360	19	28.560	7	0.800	29.938	29.907	29.922	30.31	19	29.47	7	0.84
Corrected mean		28.995						Corrected mean		29.917	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
51.1	59.4	55.2	47.8	52.7	50.2	64.9	45.6	55.2	–	–	–	81	12	35	5	46	29	12	7	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
44.6	46.9	45.8	78.4	65.4	71.9	.304	.334	.319	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7462	10.0	NE	44	SW	21	6	15	7	5	3	11	6	9	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.5	6.7	7.3	44	4	6	21	0	3	13

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
10"	5"	None	3, 15, 21, 24	15" 21"	None	None	20"	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.60	1.41	28 29		None			None		5	16	14	5	0	21	0	0	0	0

(w) Maximum precipitation in 5 minutes .19, date 24"; 10 minutes .25, date 24"; 15 minutes .31, date 24";
30 minutes .49, date 24"; 1 hour .72, date 24"; 2 hours .74, date 24"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
24"	D. N. a	D. N. a	.74	144 a	228 a	.02	.18	.25	.30	.34	.39	.48	.54	.63	.67					

*The duration is the time precipitation was actually recorded.

8—154

Prepared by P. McDonough, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
7th	40 2 am	40 1 am				28.560	29.47	55.0																	
19th	20 9 am	20 8 am				29.360	30.31	43.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, 1915

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7 00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	29.209	-.113	29.096	30.02	57.3	52.3	48	72	.334	65.5	53.8	NE	12			0	4	A. Cu.	SW	Pt Cloudy		P. Mead	1
2	68.5	28.974	-.114	28.860	29.78	58.0	57.5	57	97	.465	63.3	58.0	N	10			.09	10	Nb	N	Lt. Rain		P. Mead	2
3	68.0	29.093	-.112	28.981	29.90	56.8	55.3	54	91	.417	60.0	54.8	W	6			T	10	St	W	Cloudy		P. Mead	3
4	67.5	29.288	-.112	29.176	30.10	58.8	58.3	58	97	.482	63.0	58.6	N	3			T	10	St Lt Fog	N	Lt. Rain		P. Mead	4
5	69.5	29.296	-.117	29.179	30.10	57.3	53.3	50	77	.360	66.0	51.2	NE	6			0	0	0	0	Clear		P. Mead	5
6	72.0	29.124	-.123	29.001	29.91	67.0	62.0	59	76	.499	73.0	61.6	SE	6			0	1	St	SE	Clear		P. Mead	6
7	76.0	29.050	-.133	28.917	29.82	72.5	70.0	68	89	.684	80.0	67.9	SW	6			T	2	Ci. St.	NW	Clear		P. Mead	7
8	73.0	29.326	-.126	29.200	30.13	52.2	48.7	45	78	.298	56.2	46.3	NW	2			0	1	St. Cu.	NW	Clear		P. Mead	8
9	70.0	29.276	-.119	29.157	30.09	51.0	47.0	43	75	.277	63.0	50.0	NW	13			0	Few	St. Cu.	NW	Clear		P. Mead	9
10	69.0	29.374	-.116	29.258	30.20	53.0	48.5	44	73	.287	55.1	43.4	SE	5			0	6	Ci. St.	W	Pt Cloudy		P. Mead	10
11	69.0	29.106	-.115	28.991	29.91	66.0	62.3	61	82	.536	67.2	62.8	SW	10			T	10	St	SW	Cloudy		P. Mead	11
12	72.0	29.244	-.124	29.120	30.04	58.0	54.5	52	80	.387	73.2	55.0	E	12			0	9	St. Cu.	E	Cloudy		P. Mead	12
13	75.0	29.175	-.132	29.043	29.94	67.6	63.6	62	81	.555	79.0	61.6	SE	10	34		.12	8	St. Cu.	SE	Cloudy		P. Mead	13
14	74.0	29.432	-.130	29.302	30.23	55.0	53.0	52	88	.387	71.3	53.0	NE	9			T	7	St. Cu.	NE	Pt Cloudy		P. Mead	14
15	72.5	29.210	-.125	29.085	30.00	58.2	56.4	56	90	.448	67.9	57.1	NW	13			.34	10	St	NW	Cloudy		P. Mead	15
16	72.5	29.350	-.125	29.225	30.14	62.7	58.1	56	76	.448	69.0	57.9	S	9			0	2	St. Cu.	S	Clear		P. Mead	16
17	74.5	29.302	-.130	29.172	30.09	61.2	54.2	49	64	.347	72.8	58.8	N	9			0	0	0	0	Clear		P. Mead	17
18	75.0	29.172	-.132	29.040	29.96	61.2	58.5	57	85	.465	73.0	54.9	E	5			0	10	St	E	Cloudy		P. Mead	18
19	75.5	29.168	-.133	29.035	29.96	61.3	57.8	55	81	.432	72.8	61.3	NW	7			T	10	St	NW	Cloudy		P. Mead	19
20	74.5	29.283	-.130	29.153	30.07	59.6	58.3	58	93	.482	68.4	59.0	NE	9			.01	10	St	NE	Cloudy		P. Mead	20
21	74.0	29.228	-.129	29.099	30.02	60.0	55.0	51	73	.373	70.8	56.6	E	12			0	8	St. Cu.	E	Cloudy		P. Mead	21
22	75.5	29.174	-.133	29.041	29.95	64.7	58.4	54	69	.417	75.2	58.6	W	10			0	0	0	0	Clear		P. Mead	22
23	74.5	29.420	-.131	29.289	30.22	52.1	44.4	36	54	.211	68.5	48.8	N	8			0	0	0	0	Clear		P. Mead	23
24	72.0	29.318	-.124	29.194	30.11	56.4	50.4	45	66	.298	66.5	48.2	SW	8			0	7	St. Cu.	SW	Pt Cloudy		P. Mead	24
25	71.5	29.248	-.122	29.126	30.05	62.0	60.0	59	89	.499	68.0	60.0	N	5			.04	6	St. Cu.	N	Pt Cloudy		P. Mead	25
26	72.5	29.341	-.125	29.216	30.14	57.2	55.2	54	88	.417	66.8	55.7	NE	5			T	9	St. Cu.	NE	Cloudy		P. Mead	26
27	73.0	29.460	-.127	29.333	30.25	61.8	54.8	50	64	.360	74.7	55.3	E	9			0	1	Ci. St.	NW	Clear		P. Mead	27
28	74.0	29.464	-.130	29.334	30.25	62.9	55.4	50	62	.360	76.0	53.8	E	5			0	1	Ci. St.	W	Clear		P. Mead	28
29	76.0	29.241	-.134	29.107	30.02	63.5	60.0	58	82	.482	78.9	60.6	NE	5			0	10	St	E	Cloudy		P. Mead	29
30	76.0	29.056	-.133	28.923	29.83	65.3	63.2	62	89	.555	66.9	61.7	N	6			T	5	Ci. St.	W	Pt Cloudy		P. Mead	30
31																								31
Sums	(a)	(a)	(a)	873.653	901.23	1800.6	1686.4	1603	2381	12562	(a)	(a)	(a)	235	(a)	(a)	0.60	167	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.122	30.041	60.0	56.2	53.4	79.4	.419	(a)	(a)	(c) N NE	7.8	(a)	(a)	(a)	5.6	(c) St. Cu.	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.5	29.060	-.114	28.946	29.87	63.3	57.8	54	72	.417	69.9	57.3	NE	9			.03	10	St	NE	Cloudy			H.F.C.	1
2	68.5	28.975	-.114	28.861	29.78	60.0	58.0	57	89	.465	60.9	58.0	N	5			.10	10	St	N	Cloudy			H.F.C.	2
3	68.0	29.176	-.113	29.063	29.98	63.0	59.8	58	83	.482	65.2	56.3	N	5			0	10	St	N	Cloudy			H.F.C.	3
4	71.0	29.268	-.121	29.147	30.07	66.0	61.0	58	76	.482	68.8	58.1	E	6			T	4	Ci	W	Pt Cloudy	BL. 10.4 E 10.30		H.F.C.	4
5	73.0	29.188	-.126	29.062	29.98	73.0	60.0	51	46	.373	79.2	57.3	E	6			0	1	Ci	W	Clear			H.F.C.	5
6	76.5	29.060	-.134	28.926	29.83	80.0	72.0	69	68	.707	84.0	67.0	S	6			T	2 6	Ci Cu. St Cu.	W SW	Cloudy			P. McD.	6
7	75.0	29.143	-.132	29.011	29.93	56.2	53.0	51	81	.373	79.3	55.2	NW	18	34	NW	.38	10	St	NW	Cloudy			H.F.C.	7
8	71.0	29.219	-.121	29.098	30.02	63.0	55.0	49	60	.347	66.7	52.2	SW	5			0	7	A.Cu	SW	Pt Cloudy			H.F.C.	8
9	71.0	29.333	-.121	29.212	30.14	55.1	50.1	46	71	.310	57.2	51.0	N	6			0	8	St	NW	Cloudy			H.F.C.	9
10	69.5	29.139	-.117	29.022	29.94	67.2	60.7	56	69	.448	70.7	53.0	SE	8			.10	6	St	SW	Pt Cloudy			H.F.C.	10
11	73.0	29.106	-.125	28.981	29.89	73.2	67.0	64	72	.595	79.3	64.2	NW	10			.03	8	Ci St	SW	Cloudy			H.F.C.	11
12	75.0	29.073	-.131	28.942	29.85	79.0	72.0	69	71	.707	81.2	58.0	SE	12			0	2	A.Cu	W	Clear			H.F.C.	12
13	77.0	29.248	-.137	29.111	30.02	71.3	67.3	65	82	.616	80.9	64.0	NW	7			.38	4	Ci St	SW	Pt Cloudy			P. McD.	13
14	74.0	29.222	-.129	29.093	30.01	67.9	67.9	68	100	.684	70.2	55.0	NE	12			T	10	Nb	SE	H Rain			H.F.C.	14
15	75.0	29.294	-.132	29.162	30.08	69.0	60.1	54	59	.417	70.3	57.3	W	3			0	1	St	W	Clear			H.F.C.	15
16	75.5	29.194	-.133	29.061	29.97	72.8	63.1	59	61	.499	77.2	62.1	S	10			0	7	St	SW	Pt Cloudy			H.F.C.	16
17	77.5	29.280	-.138	29.142	30.06	73.0	61.2	53	51	.402	76.2	61.2	NE	8			0	1	Ci	NW	Clear			H.F.C.	17
18	78.5	28.963	-.140	28.823	29.72	72.8	68.8	67	82	.661	80.7	61.2	S	16	36	SW	.03	9	St	S	Cloudy			H.F.C.	18
19	77.0	29.212	-.137	29.075	30.00	68.4	62.9	59	74	.499	72.9	61.3	SW	4			0	10	St	SW	Cloudy			P. McD.	19
20	75.5	29.292	-.133	29.159	30.08	70.8	62.4	58	62	.482	74.2	59.6	NE	10			0	9	St Cu	NE	Cloudy			P. McD.	20
21	77.0	29.108	-.136	28.972	29.88	75.2	66.7	62	64	.535	79.3	60.0	W	10			0	0	0	0	Clear			H.F.C.	21
22	77.0	29.268	-.137	29.131	30.05	68.5	57.0	48	49	.334	73.2	64.7	NW	12	27	W	0	1	St Cu	NW	Clear			H.F.C.	22
23	75.5	29.303	-.133	29.170	30.09	66.5	56.0	48	52	.334	67.4	52.1	NW	6			0	1 1	Ci St St Cu	W NW	Clear			H.F.C.	23
24	72.0	29.207	-.124	29.083	30.00	68.0	60.2	55	64	.432	69.3	56.4	SE	5			T	4	St Cu	NW	Pt Cloudy			H.F.C.	24
25	74.0	29.192	-.129	29.063	29.98	66.8	65.3	65	92	.616	80.0	62.0	W	3			.34	4	St Cu	W	Pt Cloudy			H.F.C.	25
26	75.5	29.336	-.133	29.203	30.12	74.7	62.7	55	51	.432	78.0	57.2	NE	5			0	3	St	NE	Clear			H.F.C.	26
27	77.5	29.422	-.139	29.283	30.20	76.0	61.9	53	45	.402	79.4	61.8	E	5			0	1	Ci St	NW	Clear			H.F.C.	27
28	78.5	29.281	-.141	29.140	30.05	78.9	64.3	56	45	.448	83.2	62.9	E	8			0	1	A.Cu.	E	Clear			H.F.C.	28
29	77.0	29.103	-.136	28.967	29.89	66.9	66.9	67	100	.661	79.2	63.5	NE	12			.58	10	Nb	NE	H Rain			H.F.C.	29
30	77.0	28.986	-.136	28.850	29.76	72.0	64.8	61	68	.536	83.1	65.3	W	5			0	3 5	Ci St St	W W	Cloudy			H.F.C.	30
31																									31
Sums		(a)	(a)	871.759	899.24	2078.5	1866.5	1735	2059	14.716	(a)	(a)	(a)	237	(a)	(a)	2.17	169	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.059	29.975	69.3	62.2	57.8	68.6	.491	(a)	(a)	(c) NE	7.9	(a)	(a)	(a)	5.6	(c) St.	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1913

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	70	54	16	2	62																.03				0	0	0	0	1
2	61	57	4	3	59																.19				0	0	0	0	2
3	65	55	10	1	60																T				0	0	0	0	3
4	69	55	14	2	62																T				0	0	0	0	4
5	79	51	28	3	65																0				0	0	0	0	5
6	84	62	22	8	73																T				0	0	0	0	6
7	79	50	29	9	64																.38				0	0	0	0	7
8	67	46	21	8	56																0				0	0	0	0	8
9	57	49	8	3	53																0				0	0	0	0	9
10	71	43	28	4	57																.10				0	0	0	0	10
11	79	60	19	13	70																.03				0	0	0	0	11
12	81	55	26	2	68																0				0	0	0	0	12
13	81	58	23	2	70																.50				0	0	0	0	13
14	70	53	17	8	62																.29				0	0	0	0	14
15	70	57	13	2	64																.05				0	0	0	0	15
16	77	58	19	4	68																0				0	0	0	0	16
17	76	59	17	0	68																0				0	0	0	0	17
18	81	55	26	0	68																.03				0	0	0	0	18
19	73	61	12	1	67																T				0	0	0	0	19
20	74	59	15	1	66																.01				0	0	0	0	20
21	79	57	22	2	68																0				0	0	0	0	21
22	73	58	15	2	66																0				0	0	0	0	22
23	67	49	18	8	58																0				0	0	0	0	23
24	69	48	21	0	58																T				0	0	0	0	24
25	80	60	20	12	70																.58				0	0	0	0	25
26	78	56	22	3	67																T				0	0	0	0	26
27	79	55	24	0	67																0				0	0	0	0	27
28	83	54	29	1	68																0				0	0	0	0	28
29	79	61	18	2	70																.58				0	0	0	0	29
30	83	62	21	2	72																0				0	0	0	0	30
31																													31
S.	2234	1657	577	108	1946		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.77		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	74.5	55.2	19.2	3.6	64.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF June, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.122	29.059	29.090	29.340	28	28.780	18	0.560	30.041	29.975	30.008	30.26	28"	29.68	18	.58
Corrected mean		29.086						Corrected mean		30.004	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.0	69.3	64.6	56.2	62.2	59.2	74.5	55.2	64.8	–	–	–	84	6	43	10	41	29	28	4	2

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
53.4	57.8	55.6	79.4	68.6	74.0	.419	.491	.455	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5802	8.1	NE	36	SW	18"	9	12	9	6	4	5	6	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	5.6	6.1	52	6	12	12	0	4	8

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	7" 13" 18" 25"	0	0	0	4	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
2.77	0.58	25+29		none		none			6	12	8	5	0	18	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.17, date 25"; 10 minutes 0.31, date 25"; 15 minutes 0.39, date 25";
30 minutes 0.46, date 25"; 1 hour 0.54, date 25"; 2 hours 0.54, date 25"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
25	446 P.	5.55 P	.54	500 P	5:17 P	.04	.15	.31	.39	.43										

* The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ T. McDonough, Jr., Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1915

Number of Station barometer, 656; sum of corrections, -009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
18	5 20 PM	4 20 PM				28.780	29.68	75.0																	
28	8 20 am	7 20 am				29.340	30.26	63.0																	

SPECIAL OBSERVATIONS.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, 1915

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Co Berry & Calhoun street, room 911-912; first observation taken in present office, 7 00 A m. May 20, 19 11

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1915

Number of Station barometer, 656; sum of corrections, .007 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.99 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.47 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	77.0	28.990	-.136	28.854	29.76	68.0	63.2	60	77	.517	72.0	60.3	SW	5			0	2	Ci St.	SW	Clear		[illegible]	1
2	76.0	28.991	-.133	28.858	29.77	66.2	62.2	60	80	.517	66.2	60.1	NW	4			.07	1	Ci	W	Clear		[illegible]	2
3	75.0	29.102	-.131	28.971	29.89	61.2	59.7	59	92	.499	68.6	58.2	W	2			.03	10	St.	W	Cloudy		[illegible]	3
4	74.0	29.129	-.129	29.000	29.92	63.0	57.0	53	70	.402	71.0	57.2	S	10			0	8	Ci. St.	SW	Cloudy		[illegible]	4
5	70.0	29.110	-.119	28.991	29.92	56.0	52.2	49	78	.347	58.5	52.1	SW	14			0	1	St	SW	Clear		[illegible]	5
6	69.5	29.331	-.117	29.214	30.13	59.2	54.7	51	75	.373	66.2	52.4	SW	5			0	0	0	0	Clear		[illegible]	6
7	72.5	29.157	-.125	29.032	29.94	63.8	63.8	64	100	.595	73.0	60.3	SE	8			.03	10	Nb	SW	H. Rain		[illegible]	7
8	72.0	29.041	-.123	28.918	29.83	61.3	61.3	61	100	.536	69.9	60.2	NE	14			.59	10	Nb	NE	H. Rain		[illegible]	8
9	73.0	29.307	-.126	29.181	30.10	64.8	60.8	59	80	.499	72.0	56.2	NE	3			0	1	A. Cu.	SW	Clear		[illegible]	9
10	74.0	29.158	-.129	29.029	29.94	63.4	58.0	55	72	.432	73.0	60.2	E	6			0	7	A Cu	E	P. Cloudy		[illegible]	10
11	76.5	28.986	-.134	28.852	29.75	68.0	66.2	65	91	.616	77.0	64.2	NW	5			.40	10	St	NW	Cloudy		[illegible]	11
12	78.5	29.135	-.141	28.994	29.89	69.0	66.6	65	88	.616	79.0	65.8	W	9			.12	8	Ci	W	Cloudy		[illegible]	12
13	79.0	29.196	-.142	29.054	29.96	72.0	67.8	66	81	.638	77.4	65.2	W	4			0	0	0	0	Clear		[illegible]	13
14	82.0	29.188	-.150	29.038	29.94	69.9	64.9	62	77	.555	82.8	64.1	SE	4			0	8	Ci. St.	SW	Cloudy		[illegible]	14
15	82.0	29.110	-.149	28.961	29.86	72.2	72.2	72	100	.783	80.0	67.2	SW	12	30	SW	1.00	10	Nb	SW	H. Rain		[illegible]	15
16	82.5	29.049	-.150	28.899	29.80	77.4	74.6	74	88	.838	77.4	71.2	SW	12			.03	1	Ci St	SW	Clear		[illegible]	16
17	83.5	29.094	-.153	28.941	29.83	72.5	69.0	68	84	.684	84.6	68.3	W	8			0	1	A St.	W	Clear		[illegible]	17
18	83.5	29.184	-.154	29.030	29.93	74.5	64.5	59	58	.499	80.0	64.5	S	5			0	1	Ci	SW	Clear		[illegible]	18
19	82.5	29.195	-.151	29.044	29.95	66.2	64.0	63	89	.575	73.2	64.0	NW	8			0	9	St	NW	Cloudy		[illegible]	19
20	80.0	29.271	-.145	29.126	30.04	64.2	61.7	60	87	.517	75.0	60.1	NE	4			T	9	A St.	NE	Cloudy		[illegible]	20
21	78.5	29.314	-.141	29.173	30.09	61.4	57.4	54	79	.417	64.8	57.4	N	4			.04	0	0	0	Clear		[illegible]	21
22	75.0	29.372	-.132	29.240	30.16	60.0	56.0	53	78	.402	68.2	55.2	NW	1			0	0	0	0	Clear		[illegible]	22
23	75.0	29.370	-.132	29.238	30.16	60.0	56.6	54	82	.417	74.0	55.1	N	2			0	0	0	0	Clear		[illegible]	23
24	77.0	29.359	-.137	29.222	30.14	65.7	59.2	55	68	.432	76.5	61.9	SW	8			0	2	Ci. St.	SW	Clear		[illegible]	24
25	75.5	29.365	-.133	29.232	30.15	66.9	64.9	64	90	.595	74.0	65.7	SW	4			T	10	St	SW	Cloudy		[illegible]	25
26	76.0	29.407	-.135	29.272	30.19	63.7	62.2	62	92	.555	76.4	62.2	W	5			0	10	St	W	Cloudy		[illegible]	26
27	77.5	29.421	-.139	29.282	30.20	64.4	63.0	62	93	.555	74.9	62.2	NE	2			T	10	St	NE	Cloudy		[illegible]	27
28	77.0	29.278	-.137	29.141	30.05	70.0	68.4	68	92	.684	75.5	69.2	SW	8			T	10	St	SW	Cloudy		[illegible]	28
29	76.0	29.176	-.134	29.042	29.95	68.4	68.4	68	100	.684	72.4	67.8	SE	6			.33	10	Nb	SE	H. Rain		[illegible]	29
30	76.0	29.198	-.134	29.064	29.97	71.0	70.0	70	95	.732	77.8	70.1	W	6			.04	10	St	W	Cloudy		[illegible]	30
31	78.5	29.224	-.141	29.083	29.99	72.0	69.9	69	91	.707	80.6	70.3	NE	5			.61	10	St	W	Cloudy		[illegible]	31
Sums		(a)	(a)	900.976	979.20	2056.3	1960.4	1904	2627	17218	(a)	(a)	(a)	193	(a)	(a)	3.29	179	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.064	29.974	66.3	63.2	61.4	84.7	.555	(a)	(a)	(c) SW	6.2	(a)	(a)	(a)	5.8	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	28.946	-.136	28.810	29.71	64.4	62.2	61	89	.536	79.6	64.2	NW	7			.03	10	Nb	NW	Lt. Rain			P. McC.	1
2	77.0	29.060	-.136	28.924	29.83	68.6	63.6	61	77	.536	81.8	66.2	W	8			T	2 6	Ci Cu St Cu	W W	Cloudy			P. McC.	2
3	76.0	29.141	-.135	29.006	29.93	71.0	55.6	43	36	.277	74.2	60.0	W	6			T	few	St Cu	NW	Clear			P. McC.	3
4	74.0	28.972	-.128	28.844	29.75	58.5	55.5	54	83	.417	76.0	57.3	W	10	38	SW	.45	9	St	W	Cloudy			H.T.C.	4
5	72.0	29.225	-.124	29.101	30.02	66.2	57.2	51	58	.373	69.1	56.0	W	5	29	W	0	2	St	W	Clear			H.T.C.	5
6	74.0	29.232	-.129	29.103	30.02	73.0	60.2	51	47	.373	76.7	59.2	S	6			0	2 1	Ci St St	W S	Clear			P. McC.	6
7	73.5	28.937	-.127	28.810	29.71	69.9	67.4	66	88	.638	75.2	62.0	S	16			.10	10	Nb	S	Lt. Rain			P. McC.	7
8	75.0	29.274	-.132	29.142	30.06	72.0	61.8	56	56	.448	74.3	61.3	NE	6			T	few	Cu.	NE	Clear			P. McC.	8
9	75.5	29.216	-.133	29.083	29.99	73.0	62.0	55	54	.432	75.0	64.8	E	5			0	4 6	Ci St St	W E	Cloudy			P. McC.	9
10	77.5	29.028	-.137	28.891	29.80	77.0	68.7	64	66	.595	83.0	63.4	SE	3			0	10	St	SE	Cloudy			P. McC.	10
11	80.0	29.036	-.144	28.892	29.79	79.0	72.1	69	71	.707	81.2	68.0	SW	4			0	8	St Cu	SW	Cloudy			H.T.C.	11
12	81.0	29.142	-.147	28.995	29.90	77.4	70.4	67	71	.661	82.9	69.0	SW	6			0	2 6 7	Ci Cu St Cu Ci St	W SW W	Cloudy			P. McC.	12
13	85.0	29.191	-.158	29.033	29.93	82.8	68.1	60	47	.517	88.0	72.0	NW	4			0	1	St	NW	Cloudy			P. McC.	13
14	83.5	29.132	-.154	28.978	29.88	80.0	73.8	72	75	.783	85.8	69.9	S	5			T	10	St	S	Cloudy			P. McC.	14
15	84.0	29.084	-.155	28.929	29.83	74.0	73.5	73	78	.810	85.4	72.2	NE	8			.13	10	Nb	N	Lt. Rain P.M.			P. McC.	15
16	85.5	29.036	-.158	28.878	29.77	84.6	74.4	70	62	.732	87.9	77.4	W	11			T	4 3	Ci St St Cu	NW W	Pt. Cloudy			P. McC.	16
17	86.0	29.150	-.160	28.990	29.89	80.0	74.8	73	78	.810	85.2	72.5	NW	5			0	0	0	0	Clear			P. McC.	17
18	84.5	29.117	-.156	28.961	29.86	73.2	70.2	69	86	.707	87.0	71.3	SW	6			.18	9	St	SW	Cloudy			P. McC.	18
19	82.5	29.268	-.152	29.116	30.03	75.0	67.3	64	67	.595	78.3	66.2	N	4			0	2 1	Ci St St Cu	SW W	Clear			H.T.C.	19
20	79.5	29.253	-.144	29.109	30.03	64.8	62.2	61	87	.536	76.6	64.2	NE	13	25	NE	.01	9	St Cu	NE	Cloudy			P. McC.	20
21	78.5	29.330	-.141	29.189	30.11	68.2	65.0	63	84	.575	73.6	61.4	SW	5			.12	5	St Cu	N	Pt. Cloudy			P. McC.	21
22	78.5	29.350	-.141	29.209	30.13	74.0	65.0	60	62	.517	77.0	60.0	W	3			0	1	Ci	W NW	Clear			P. McC.	22
23	80.0	29.322	-.145	29.177	30.10	76.5	66.5	62	60	.555	80.0	60.0	SW	5			0	1	Ci St	W	Clear			P. McC.	23
24	78.0	29.368	-.140	29.228	30.15	74.0	66.1	62	66	.555	79.9	65.7	S	7			T	10	St	S	Cloudy			P. McC.	24
25	79.0	29.325	-.142	29.183	30.10	76.4	68.9	65	69	.616	82.1	66.9	SW	8			T	10	St	SW	Cloudy			H.T.C.	25
26	79.0	29.422	-.143	29.279	30.20	74.9	70.4	68	80	.684	78.2	63.7	NW	4			0	9	St Cu	NW	Cloudy			P. McC.	26
27	77.0	29.344	-.137	29.207	30.13	75.5	72.5	72	87	.783	78.8	64.4	SW	5			.01	8	St Cu	SW	Cloudy			P. McC.	27
28	77.0	29.240	-.137	29.103	30.01	72.4	70.4	69	91	.707	75.2	69.6	SW	8			.04	10	St	SW	Cloudy			P. McC.	28
29	78.0	29.107	-.139	28.968	29.87	77.8	76.2	76	93	.896	81.6	68.1	S	4			.45	6	St Cu	W	Pt. Cloudy			P. McC.	29
30	80.5	29.222	-.146	29.076	29.99	80.6	75.6	74	79	.838	83.0	71.0	SW	2			0	2 1	Ci Cu St	NW SW	Clear			P. McC.	30
31	81.0	29.245	-.147	29.098	30.01	77.3	75.3	74	91	.838	83.4	72.0	NE	7			0	2	St.	NE	Clear			C. McC.	31
Sums		(a)	(a)	900.312	928.53	22920	20929	1785	2258	19.047	(a)	(a)	(a)	196	(a)	(a)	1.52	200	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.042	29.953	73.9	67.5	64.0	72.8	.614	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	6.5	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1905

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ½ p.m. to ½ p.m. * ‡‡	Snow unmelted. ½ p.m. to ½ p.m. * ‡‡	Hail, sleet, and snow on ground at ½ p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	80	60	20	2	70																.04				0	0	0	0	1
2	82	60	22	1	71																.06				0	0	0	0	2
3	74	58	16	5	66																.03				0	0	0	0	3
4	76	54	22	1	65																.45				0	0	0	0	4
5	69	52	17	5	60																0				0	0	0	0	5
6	77	52	25	4	64																0				0	0	0	0	6
7	75	60	15	4	68																.70				0	0	0	0	7
8	74	60	14	1	67																.02				0	0	0	0	8
9	78	56	22	0	67																0				0	0	0	0	9
10	83	60	23	5	72																T				0	0	0	0	10
11	81	64	17	0	72																.52				0	0	0	0	11
12	83	66	17	2	74																0				0	0	0	0	12
13	88	65	23	2	76																0				0	0	0	0	13
14	86	64	22	1	75																.92				0	0	0	0	14
15	85	68	17	1	76																.24				0	0	0	0	15
16	88	71	17	4	80																T				0	0	0	0	16
17	85	68	17	4	76																0				0	0	0	0	17
18	87	64	23	0	76																.18				0	0	0	0	18
19	78	64	14	5	71																0				0	0	0	0	19
20	77	60	17	3	68																.05				0	0	0	0	20
21	74	57	17	2	66																.12				0	0	0	0	21
22	77	55	22	0	66																0				0	0	0	0	22
23	80	55	25	2	68																0				0	0	0	0	23
24	80	62	18	3	71																T				0	0	0	0	24
25	82	65	17	3	74																T				0	0	0	0	25
26	78	62	16	4	70																0				0	0	0	0	26
27	79	62	17	0	70																.01				0	0	0	0	27
28	75	69	6	2	72																.04				0	0	0	0	28
29	82	68	14	3	75																.80				0	0	0	0	29
30	83	70	13	1	76																.02				0	0	0	0	30
31	83	70	13	0	76																.61				0	0	0	0	31
S.	2479	1921	558	70	2198		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.81		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	80.0	62.0	18.0	2.3	70.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF July, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.064	29.042	29.053	29.290	27	28.730	11	0.560	29.974	29.953	29.964	30.22	27	29.63	11	0.59
Corrected mean		29.050						Corrected mean		29.961	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
66.3	73.9	70.1	63.2	67.5	65.4	80.0	62.0	71.0	-	-	-	88	13	52	5	36	25	23	6	28

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
61.4	64.0	62.7	84.7	77.8	78.8	.555	.614	.584	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5,100	6.9	SW	38	SW	4	3	9	2	4	7	17	12	8	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	6.5	6.2	47	6	12	13	0	8	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	4, 7, 8, 14, 15, 18, 20, 24, 25, 29, 31	None	9	0	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.81	1.14	14-15		None			None		4	17	13	6	0	21	None	None	None	None

(w) Maximum precipitation in 5 minutes .24, date 14"; 10 minutes .41, date 14"; 15 minutes .49, date 14";
30 minutes .63, date 14"; 1 hour .71, date 14"; 2 hours .78, date 14"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
14"	7:05 P.	7:10 A 15"	1.00	7:58 P.	8:23 P	.09	.06	.14	.36	.55	.60									

* The duration is the time precipitation was actually recorded.

8—154

Prepared by P. M. Donough L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	6 00 am	5 00 am				28.730	29.63	65.0																	
27	10 30 am	9 30 am				29.290	30.22	69.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911, 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Co. Berry & Calhoun street, room 911 912; first observation taken in present office, 7.00 A. m. May 20, 19 11

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	80.5	29.282	.146	29.136	30.05	72.4	71.4	71	95	.757	77.3	69.9	NE	2			0	8	St.Cu.	NE	Cloudy		P.McC.	1
2	80.5	29.156	.146	29.010	29.91	71.0	70.4	70	97	.732	80.6	71.0	S	6			.16	10	Nb	S	Lt Rain		P.McC.	2
3	80.0	29.000	.144	28.856	29.76	71.0	70.5	70	98	.732	75.0	71.0	SE	4			.12	10	Nb	SE	Lt. Rain		P.McC.	3
4	77.5	29.110	.137	28.973	29.89	63.0	62.0	61	95	.536	70.0	62.6	SW	13			.02	9	St.Cu.	SW	Cloudy		P.McC.	4
5	71.0	29.142	.121	29.021	29.94	58.8	57.8	57	94	.465	60.0	57.2	SW	10			T	10	St.Cu.	SW	Cloudy		P.McC.	5
6	67.5	29.136	.112	29.024	29.94	60.2	58.4	58	90	.482	60.3	57.9	SW	8			T	8	St.Cu.	W	Cloudy		P.McC.	6
7	68.5	29.172	.114	29.058	29.98	63.6	61.1	60	87	.517	68.6	58.2	SW	3			0	1	St.Cu.	SW	Clear		P.McC.	7
8	72.0	29.165	.124	29.041	29.95	66.0	63.9	63	89	.575	72.8	63.0	NE	3			.09	1	St	NE	Clear		P.McC.	8
9	74.0	29.276	.129	29.147	30.06	64.3	61.3	59	85	.499	75.6	60.9	NW	5			0	0	0	0	Clear		P.McC.	9
10	76.0	29.336	.134	29.202	30.12	65.0	64.2	63	96	.575	74.2	61.0	N	3			0	6	Ci.Cu.	W	Pt Cloudy		P.McC.	10
11	76.5	29.230	.135	29.095	30.01	63.8	63.3	63	97	.575	74.5	63.0	E	6			.03	10	Nb	E	Lt. Rain		P.McC.	11
12	73.5	28.988	.127	28.861	29.77	66.3	66.3	66	100	.638	66.3	63.2	SE	3			.02	Dense	Fog	S	Foggy		P.McC.	12
13	72.5	29.224	.125	29.099	30.02	64.0	63.0	62	95	.555	66.6	63.0	W	7			.01	10	St	W	Cloudy		P.McC.	13
14	72.5	29.296	.125	29.171	30.09	66.3	63.8	62	87	.555	70.4	64.0	SW	4			0	10	St	SW	Cloudy		P.McC.	14
15	73.0	29.287	.126	29.161	30.08	64.5	63.0	62	92	.555	71.2	60.2	W	8			0	0	0	0	Clear		P.McC.	15
16	75.0	29.370	.132	29.238	30.15	68.4	66.1	65	89	.616	77.0	65.3	SW	6			0	5	Ci.St.	W	Pt Cloudy		P.McC.	16
17	77.0	29.400	.138	29.262	30.18	67.0	66.0	65	95	.616	77.9	67.0	NE	16			.01	10	St	NE	Cloudy		P.McC.	17
18	73.0	29.490	.127	29.363	30.29	53.8	51.3	49	85	.347	62.8	50.0	NE	9			0	5	Ci.St.	SW	Pt Cloudy		P.McC.	18
19	77.0	29.422	.138	29.284	30.21	57.6	54.5	52	82	.387	64.9	51.8	NE	3			0	1	St.Cu.	NE	Clear		P.McC.	19
20	73.5	29.182	.128	29.054	29.97	56.3	53.8	52	85	.387	70.0	55.0	NE	8			0	10	St	NE	Cloudy		P.McC.	20
21	70.5	28.786	.118	28.668	29.57	62.0	61.3	61	96	.536	65.0	62.0	SE	5			.91	10	Nb	SE	Lt. Rain		P.McC.	21
22	69.0	29.047	.115	28.932	29.84	65.9	64.4	64	92	.595	65.9	64.1	W	10			T	10	St	W	Cloudy		P.McC.	22
23	70.5	29.150	.120	29.030	29.95	62.0	60.0	59	89	.499	71.4	58.0	SW	8			0	0	0	0	Clear		P.McC.	23
24	74.0	29.048	.128	28.920	29.83	65.6	64.6	64	95	.595	74.0	63.9	SW	8			0	10	St	SW	Cloudy		P.McC.	24
25	73.0	29.254	.126	29.128	30.05	58.3	56.3	55	89	.432	63.0	56.1	W	7			0	10	St	W	Cloudy		P.McC.	25
26	70.5	29.350	.120	29.230	30.15	54.8	53.9	53	95	.402	63.1	50.8	N	3			0	10	St	N	Cloudy		P.McC.	26
27	69.0	29.432	.117	29.315	30.26	50.4	48.9	47	90	.322	61.0	49.2	NE	12			0	4 3	Ci.St St	W NE	Pt Cloudy		P.McC.	27
28	69.0	29.250	.116	29.134	30.06	52.4	51.4	50	94	.360	60.6	51.6	NE	7			0	7	St.Cu.	NE	Pt Cloudy		P.McC.	28
29	69.5	29.103	.116	28.987	29.91	55.2	53.7	52	91	.387	68.6	53.0	SW	4			0	10	St	SW	Cloudy		P.McC.	29
30	68.0	29.262	.113	29.149	30.08	49.0	46.1	43	81	.277	64.2	48.0	NW	8			0	10	St	NW	Cloudy		P.McC.	30
31	66.5	29.430	.110	29.320	30.26	47.0	46.0	45	93	.298	56.0	42.8	N	1			0	0	0	0	Clear		P.McC.	31
Sums		(a)	(a)	901.869	930.33	1906.0	1858.7	1823	2838	15804	(a)	(a)	(a)	200	(a)	(a)	1.37	208	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.093	30.011	61.5	60.0	58.8	91.5	.510	(a)	(a)	(c) SW	6.5	(a)	(a)	(a)	6.7	(c) St.	(c) NE SW NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	82.5	29.184	.151	29.033	29.93	80.6	75.6	74	79	.838	83.8	72.4	E	2			0	3 2	Ci Cu St	W E	Pt Cloudy			P. McG.	1
2	80.0	29.057	.144	28.913	29.81	75.0	72.0	71	87	.757	82.3	70.3	NE	8			.74	7	St	SW	Pt Cloudy			H.T.C.	2
3	78.0	28.996	.138	28.858	29.77	70.0	68.2	67	91	.661	82.1	70.0	W	11			.58	10	St	NW	Cloudy			H.T.C.	3
4	73.0	29.156	.126	29.030	29.95	60.0	60.0	60	100	.517	66.2	60.0	SW	12			.02	10	Nb	SW	Lt. Rain			H.T.C.	4
5	69.0	29.138	.116	29.022	29.94	58.5	57.0	56	92	.448	59.8	55.3	SW	9			.02	10	St	SW	Cloudy			H.T.C.	5
6	70.0	29.139	.118	29.021	29.94	68.6	63.0	59	74	.499	70.3	60.3	NW	6			0	1	St	NW	Clear			H.T.C.	6
7	72.0	29.146	.124	29.022	29.93	72.8	67.3	65	76	.616	82.1	63.6	W	5			0	9	St	W	Cloudy			H.T.C.	7
8	77.5	29.194	.138	29.056	29.97	75.6	70.1	68	76	.684	82.0	66.0	W	5			0	2	St	W	Clear			P. McG.	8
9	77.0	29.279	.137	29.142	30.05	74.2	67.2	64	70	.595	79.8	64.3	N	3			0	6	Ci. St	N	Pt Cloudy			H.T.C.	9
10	77.0	29.268	.137	29.131	30.04	74.5	68.0	64	72	.595	78.3	65.0	E	3			0	10	St	E	Cloudy			H.T.C.	10
11	74.0	29.058	.128	28.930	29.84	63.2	63.2	63	100	.575	63.8	61.2	NE	8			.75	10	Nb	NE	Lt. Rain			H.T.C.	11
12	73.0	29.042	.125	28.917	29.83	66.4	65.9	65	97	.616	70.2	64.3	SW	10			.17	10	St	SW	Cloudy	B 6.25 A E 6.25 A B 7.05 A E 7.40 A	B 6.25 A E 7.05 A	H.T.C.	12
13	73.0	29.224	.126	29.098	30.02	68.7	67.2	67	93	.661	78.1	64.0	W	3			.20	10	St	W	Cloudy			H.T.C.	13
14	74.5	29.262	.130	29.132	30.04	71.2	66.7	64	79	.595	74.2	66.3	S	4			0	9	St	SW	Cloudy			H.T.C.	14
15	78.5	29.234	.141	29.093	30.00	77.0	71.4	69	77	.707	83.2	64.5	SW	6			0	2	Ci. St	SW	Clear			H.T.C.	15
16	79.0	29.289	.142	29.147	30.06	77.9	71.9	69	75	.707	83.7	68.4	W	4			0	6	St	W	Pt Cloudy			H.T.C.	16
17	75.0	29.449	.133	29.316	30.25	62.8	59.6	57	83	.465	67.2	60.1	NE	10			0	6	Ci. St	W	Pt Cloudy			H.T.C.	17
18	77.0	29.395	.138	29.257	30.19	64.9	57.9	53	66	.402	70.3	53.8	NE	6			0	0	0	0	Clear			H.T.C.	18
19	73.5	29.271	.128	29.143	30.06	70.0	61.4	56	62	.448	74.1	57.6	E	1			0	9	Ci. St	W	Cloudy			H.T.C.	19
20	71.0	28.917	.120	28.797	29.71	63.8	63.8	64	100	.595	66.2	56.3	NE	12			.22	10	Nb	NE	Lt. Rain			H.T.C.	20
21	70.5	28.870	.118	28.752	29.65	65.2	65.2	65	100	.616	65.3	62.0	NW	9			.04	10	Nb	NW	Lt. Rain			H.T.C.	21
22	77.0	29.100	.136	28.964	29.87	71.4	63.4	59	64	.499	77.8	65.9	W	6			0	1	St	W	Clear			H.T.C.	22
23	75.0	29.059	.131	28.928	29.84	74.0	66.8	64	69	.595	79.2	62.0	SW	5			0	1	Ci. St	SW	Clear			H.T.C.	23
24	75.0	29.132	.132	29.000	29.92	63.0	58.8	56	78	.448	78.0	63.0	NW	14			.01	0	0	0	Clear			H.T.C.	24
25	72.0	29.260	.124	29.136	30.06	63.1	57.6	54	72	.417	66.2	58.3	W	5			0	9	St.	W	Cloudy			H.T.C.	25
26	70.5	29.361	.120	29.241	30.16	61.0	55.2	51	69	.373	67.3	54.8	NE	12			0	10	St	NE	Cloudy			H.T.C.	26
27	70.0	29.299	.119	29.180	30.11	60.6	55.1	51	71	.373	68.0	50.4	NE	9			0	2	Ci. St.	W	Clear			H.T.C.	27
28	71.0	29.134	.121	29.013	29.93	68.6	62.1	59	70	.499	73.2	52.4	NE	2			0	4	St	SE	Pt Cloudy			H.T.C.	28
29	71.0	29.112	.120	28.992	29.91	64.2	60.2	58	79	.482	68.0	55.2	NW	6			0	5	St Cu	N	Pt Cloudy			P. McG.	29
30	69.0	29.328	.116	29.212	30.14	56.0	50.4	46	68	.310	60.1	49.0	NE	5			0	0	0	0	Clear			H.T.C.	30
31	68.0	29.416	.114	29.302	30.24	63.2	57.7	54	72	.417	70.2	47.0	SE	3			0	0	0	0	Clear			H.T.C.	31
Sums		(a)	(a)	900.778	929.16	2106.0	1899	1892	2461	17.010	(a)	(a)	(a)	204	(a)	(a)	2.75	184	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.057	29.973	67.9	62.5	61.0	79.4	.549	(a)	(a)	(c) NE	6.6	(a)	(a)	(a)	59	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	84	70	14	1	77																0				0	0	0	0	1
2	82	70	12	1	76																.90				0	0	0	0	2
3	82	65	17	2	74																.72				0	0	0	0	3
4	66	58	8	12	62																.02				0	0	0	0	4
5	60	55	5	4	58																.02				0	0	0	0	5
6	70	58	12	6	64																T				0	0	0	0	6
7	82	58	24	6	70																T				0	0	0	0	7
8	82	63	19	2	72																.09				0	0	0	0	8
9	80	61	19	2	70																0				0	0	0	0	9
10	78	61	17	0	70																0				0	0	0	0	10
11	67	61	6	6	64																.78				0	0	0	0	11
12	70	63	7	2	66																.19				0	0	0	0	12
13	78	63	15	4	70																.21				0	0	0	0	13
14	74	64	10	1	69																0				0	0	0	0	14
15	83	60	23	3	72																0				0	0	0	0	15
16	84	65	19	2	74																.01				0	0	0	0	16
17	71	55	16	11	63																0				0	0	0	0	17
18	70	50	20	3	60																0				0	0	0	0	18
19	74	52	22	3	63																0				0	0	0	0	19
20	66	55	11	3	60																.92				0	0	0	0	20
21	65	62	3	4	64																.25				0	0	0	0	21
22	78	62	16	6	70																0				0	0	0	0	22
23	79	58	21	2	68																0				0	0	0	0	23
24	78	58	20	0	68																.01				0	0	0	0	24
25	66	54	12	8	60																0				0	0	0	0	25
26	67	51	16	1	59																0				0	0	0	0	26
27	68	49	19	1	58																0				0	0	0	0	27
28	73	52	21	4	62																0				0	0	0	0	28
29	68	53	15	2	60																0				0	0	0	0	29
30	60	47	13	6	54																0				0	0	0	0	30
31	70	43	27	2	56																0				0	0	0	0	31
S.	2275	1796	479	110	2033		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.12		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	73.4	57.9	15.5	3.5	65.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF August, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.092	29.057	29.075	29.363	18	28.650	21	0.713
Corrected mean		29.071					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.011	29.973	29.992	30.29	18	29.55	21	0.74
Corrected mean		29.988	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
61.5	67.9	64.7	60.0	63.5	61.8	73.4	57.9	65.6	–	–	–	84	1	43	31	41	27	31	3	21

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.8	61.0	59.9	91.5	79.4	85.4	5.10	5.49	5.30	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5422	7.3	SW	24	NE	17	4	17	4	4	2	14	11	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.7	5.9	6.5	37	8	8	15	0	4	8

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
31	none	none	3, 8'	0	0	19	12	12	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.12	1.15	20-21		none			none		2	12	8	5	0	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.20, date 2; 10 minutes .30, date 2; 15 minutes .33, date 2;
30 minutes .36, date 2; 1 hour .54, date 3; 2 hours .54, date 3

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
2	2:45 P.	3:25 P.	.35	2:48 P.	3:00 P.	.01	.20	.30	.33											

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ P. McDonough L. S. I., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1915

Number of Station barometer, 656; sum of corrections, -009 inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
21	20 4am	20 3am				28.650	29.55	65.0																	21

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, 1915

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, 15028 "Broken on the 1st." 15188 1st to 30 incl.; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7.00 AM; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., **for the Month of** September, 191

Number of Station barometer, 656; **sum of corrections,** .009 **inch.**

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 **MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE;** 7.19 **A. M. LOCAL MEAN TIME.**

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.5	29.517	.110	29.407	30.34	52.0	50.0	48	88	.334	63.2	48.4	E	3			0	0	0	0	Clear		HWC	1
2	69.0	29.538	.117	29.421	30.35	56.2	54.2	53	88	.402	71.0	54.2	NE	4			0	0	0	0	Clear		HWC	2
3	69.0	29.455	.117	29.338	30.27	61.8	58.8	57	84	.465	71.0	60.7	NE	5			0	10	St	NE	Cloudy		HWC	3
4	71.5	29.309	.122	29.187	30.11	66.5	63.0	62	83	.555	68.0	64.2	NE	3			0	3	St	W	Clear		HWC	4
5	73.5	29.180	.128	29.052	29.97	64.0	63.0	62	95	.555	69.8	64.0	NE	8			.17	10	Nb	NE	Lt. Rain		PMcA	5
6	69.5	29.042	.116	28.926	29.85	60.5	60.0	60	97	.517	62.0	59.8	W	14			.23	10	Nb	W	Lt. Rain		PMcA	6
7	68.0	29.135	.113	29.022	29.94	61.0	59.0	58	89	.482	64.2	58.3	SW	7			0	0	0	0	Clear		HWC	7
8	72.0	29.085	.123	28.962	29.87	71.0	68.8	68	89	.684	72.5	68.9	SW	12			T	0	0	0	Clear		HWC	8
9	78.5	29.211	.141	29.070	29.98	68.1	64.1	62	81	.555	80.0	63.4	W	6			0	0	0	0	Clear		HWC	9
10	77.5	29.340	.138	29.202	30.12	62.2	61.7	61	97	.536	73.3	60.1	E	3			0	0 Lt. Fog	0	E	Clear		HWC	10
11	76.5	29.317	.136	29.181	30.10	68.0	66.8	67	94	.661	68.0	64.8	W	3			.02	2 Ci St 3 St	W	W	Pt. Cloudy		HWC	11
12	77.5	29.208	.138	29.070	29.98	72.1	67.6	65	80	.616	75.9	66.2	S	6			0	0	0	0	Clear		HWC	12
13	80.0	29.190	.145	29.045	29.95	73.1	70.1	69	86	.707	80.0	70.6	S	8			0	0	0	0	Clear		HWC	13
14	82.0	29.223	.150	29.073	29.97	74.0	70.8	69	84	.707	81.2	71.4	S	7			0	0	0	0	Clear		HWC	14
15	83.5	29.364	.154	29.210	30.11	73.1	71.1	70	91	.732	82.3	67.1	SW	10	34	SW	.40	3	Ci St	SW	Clear		HWC	15
16	80.5	29.423	.147	29.276	30.20	72.4	69.0	68	84	.684	72.4	67.8	SW	10			.18	1	Ci St	SW	Clear		HWC	16
17	81.0	29.450	.149	29.301	30.22	67.4	66.9	66	97	.638	78.0	67.0	SW	1			.28	5	St Cu	NW	Pt. Cloudy		HWC	17
18	79.0	29.328	.142	29.186	30.11	67.0	66.7	66	98	.638	73.2	67.0	SW	5			.03	10 St – Lt. Fog	SW	SW	Cloudy		HWC	18
19	75.0	29.250	.132	29.118	30.04	58.1	57.7	57	98	.465	66.4	57.2	NW	4			0	0 – Lt. Fog	0	NW	Clear		HWC	19
20	75.0	29.098	.131	28.967	29.89	62.4	60.4	59	89	.499	70.4	60.3	S	5			0	2 Ci St 2 St. Cu.	W	SW	Pt. Cloudy		HWC	20
21	71.0	29.237	.121	29.116	30.05	51.0	46.8	43	74	.277	63.4	50.2	NW	10			.02	10	St	NW	Cloudy		HWC	21
22	67.5	29.516	.113	29.403	30.34	46.8	44.8	43	86	.277	53.0	43.2	NW	3			0	0	0	0	Clear		HWC	22
23	66.5	29.422	.110	29.312	30.25	48.4	45.9	43	83	.277	59.0	46.8	S	8			0	1	Ci	W	Clear		HWC	23
24	67.5	29.394	.113	29.281	30.21	58.6	55.6	54	83	.417	62.9	57.2	SW	6			0	10	St.	SW	Cloudy		HWC	24
25	68.5	29.473	.115	29.358	30.29	57.0	56.1	55	95	.432	66.3	55.0	SE	3			0	0 –	0 Lt. Fog	0 SE	Clear		HWC	25
26	70.0	29.042	.118	28.924	29.83	68.6	64.6	63	81	.575	70.5	66.4	SW	16	25	SW	0	10	St	SW	Cloudy		HWC	26
27	67.0	29.302	.111	29.191	30.12	44.6	44.6	45	100	.298	53.8	44.2	NE	8			.04	10	Nb	NE	Lt. Rain		HWC	27
28	65.0	29.316	.105	29.211	30.14	44.0	42.5	41	89	.256	51.2	42.2	NE	9			0	2	St	NE	Clear		HWC	28
29	66.0	29.389	.109	29.280	30.22	38.0	37.0	36	91	.211	52.8	36.8	NE	7			0	10	St.	NE	Cloudy		HWC	29
30	67.0	29.369	.111	29.258	30.20	45.1	44.0	43	92	.277	54.0	42.8	NE	7			0	9	Ci. St.	NE	Cloudy		HWC	30
31																								31
Sums		(a)	(a)	875.348	903.02	1813.2	1751.6	1713	2666	14.729	(a)	(a)	(a)	201	(a)	(a)	1.37	123	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.178	30.101	60.4	58.4	57.1	88.9	.491	(a)	(a)	(c) NE SW	6.7	(a)	(a)	(a)	4.1	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1915

Number of Station barometer, 656; sum of corrections, +009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.0	29.481	.119	29.362	30.29	71.0	62.0	57	60	.465	78.0	52.0	E	5			0	0	0	0	Clear			PMcN	1
2	73.0	29.482	.127	29.355	30.29	71.0	63.0	58	64	.482	80.4	56.2	E	6			0	1 2	Ci Cu St	W E	Clear			PMcN	2
3	73.0	29.358	.126	29.232	30.15	68.0	63.0	60	76	.517	73.4	61.8	E	2			T	10	St	E	Cloudy			PMcN	3
4	73.5	29.278	.128	29.150	30.06	69.8	67.3	66	88	.638	74.0	66.5	E	8			T	10	St	E	Cloudy			PMcN	4
5	73.0	29.017	.125	28.892	29.80	62.0	62.0	62	100	.555	64.2	60.6	N	8			.55	10	Nb	N	Ft. Rain			PMcN	5
6	70.0	29.113	.118	28.995	29.92	64.2	63.2	62	95	.555	67.4	60.0	SW	8			T	10	St	SW	Cloudy			PMcN	6
7	75.0	29.100	.131	28.969	29.89	72.5	70.0	68	89	.684	81.6	61.0	SW	6			.01	3	St Cu	SW	Clear			PMcN	7
8	81.0	29.135	.147	28.988	29.89	80.0	73.6	71	74	.757	87.4	71.0	S	8			0	3	St	S	Clear			PMcN	8
9	79.5	29.284	.144	29.140	30.05	73.3	68.2	66	78	.638	79.8	68.1	W	2			0	4	St Cu	W	Pt Cloudy			PMcN	9
10	78.5	29.328	.141	29.187	30.11	65.5	65.0	64	97	.595	84.0	62.2	SE	3	37	W	.21	8	St	SE	Cloudy	BDN A L 8.20 A		PMcN	10
11	80.0	29.308	.145	29.163	30.08	75.9	71.9	70	83	.732	81.0	68.0	W	1			0	3 1	Ci Cu St	SW W	Pt Cloudy			PMcN	11
12	83.5	29.164	.154	29.010	29.91	80.0	72.8	70	71	.732	88.2	72.1	S	5			0	1	St	SW	Clear			JAC	12
13	85.5	29.180	.159	29.021	29.92	81.2	75.0	73	75	.810	88.0	73.1	S	7	2.5	SW	0	0	0	0	Clear			PMcN	13
14	86.0	29.244	.160	29.084	29.98	82.3	73.4	70	66	.732	89.8	74.2	S	10			0	1	St	S	Clear			PMcN	14
15	83.0	29.430	.154	29.276	30.20	72.0	72.0	72	100	.783	85.0	72.0	NW	15			.10	10	Nb	NW	Hvy Rain			PMcN	15
16	83.5	29.342	.154	29.188	30.10	78.0	72.2	67	76	.707	86.4	72.4	SW	9			0	8	St	SW	Cloudy			PMcN	16
17	81.0	29.440	.149	29.291	30.21	73.2	69.7	68	84	.684	77.3	67.4	N	3			0	5 3	Ci Cu St Ci	W NW	Cloudy	BDN A L 6.30 A		PMcN	17
18	78.0	29.246	.139	29.107	30.03	66.4	65.9	65	97	.616	71.3	66.4	N	4			.88	0	0	0	Clear	BDN A L 7.30 A B 5.30 A L 7.30 A		PMcN	18
19	76.0	29.184	.134	29.050	29.97	70.4	66.6	65	82	.616	75.3	58.1	NE	4			0	2	Ci	NW	Clear			JAC	19
20	76.5	28.966	.134	28.832	29.73	63.4	59.5	57	80	.465	77.2	62.4	NW	26	2[illegible]	[illegible]	T	10	Nb	NW	Ft. Rain			PMcN	20
21	70.5	29.424	.121	29.303	30.24	53.0	46.2	39	59	.237	58.6	51.0	NW	5			0	0	0	0	Clear			PMcN	21
22	69.5	29.474	.118	29.356	30.30	59.0	50.0	42	53	.266	65.0	46.8	S	1			0	[illegible]	Ci St	W	Clear			PMcN	22
23	70.0	29.336	.119	29.217	30.15	62.9	54.4	48	58	.334	69.3	48.4	SW	8			0	1	Ci St	W	Clear			PMcN	23
24	70.0	29.472	.119	29.353	30.28	66.3	63.3	61	85	.536	71.3	58.6	E	2			0	4	Ci St	W	Pt Cldy			PMcN	24
25	70.0	29.279	.119	29.160	30.08	70.5	64.0	60	70	.517	77.5	57.0	S	10			0	10	St	S	Cloudy	BDN A L [illegible]		JAC	25
26	70.0	29.200	.118	29.082	30.00	53.8	53.8	54	100	.417	73.9	53.8	NE	14			.58	10	Nb	NE	Ft Rain			JAC	26
27	68.0	29.277	.113	29.164	30.09	51.2	49.2	47	87	.322	53.4	44.6	NE	9			T	0	0	0	Clear			JAC	27
28	69.0	29.323	.116	29.207	30.14	52.8	49.0	45	76	.298	59.2	44.0	NE	5			0	0	0	0	Clear			JAC	28
29	68.0	29.386	.114	29.272	30.21	54.0	49.2	45	71	.298	62.3	38.0	NE	8			0	0	0	0	Clear			JAC	29
30	68.0	29.180	.113	29.067	30.00	58.0	55.6	54	87	.417	65.4	45.1	NE	10			0	10	St	NE	Cloudy			JAC	30
31																								JAC	31
Sums	(a)	(a)	(a)	874.473	902.07	2021.6	1991.0	1808	2381	16.405	(a)	(a)	(a)	212	(a)	(a)	2.33	141	(a)	(a)	(a)	5	0	(a)	(a)
Means	(a)	(a)	(a)	29.149	30.069	67.4	63.0	60.3	79.4	.547	(a)	(a)	(c) NE 3.	7.1	(a)	(a)	(a)	4.7	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	78	48	30	7	63																0				0	0	0	0	1
2	80	54	26	4	67																0				0	0	0	0	2
3	73	61	12	0	67																T				0	0	0	0	3
4	74	64	10	2	69																T				0	0	0	0	4
5	66	61	5	5	64																.93				0	0	0	0	5
6	67	60	7	2	64																.02				0	0	0	0	6
7	82	58	24	6	70																.01				0	0	0	0	7
8	87	69	18	8	78																0				0	0	0	0	8
9	80	63	17	6	72																0				0	0	0	0	9
10	84	60	24	0	72																.21				0	0	0	0	10
11	81	65	16	1	73																.02				0	0	0	0	11
12	88	66	22	4	77																0				0	0	0	0	12
13	88	71	17	3	80																0				0	0	0	0	13
14	90	67	23	2	78																.40				0	0	0	0	14
15	85	69	16	1	77																.28				0	0	0	0	15
16	86	68	18	0	77																.14				0	0	0	0	16
17	77	67	10	5	72																.14				0	0	0	0	17
18	71	60	11	6	66																.91				0	0	0	0	18
19	75	57	18	0	66																0				0	0	0	0	19
20	77	52	25	2	64																.02				0	0	0	0	20
21	59	45	14	12	52																0				0	0	0	0	21
22	65	43	22	2	54																0				0	0	0	0	22
23	69	47	22	4	58																0				0	0	0	0	23
24	71	57	14	6	64																0				0	0	0	0	24
25	78	55	23	2	66																0				0	0	0	0	25
26	74	47	27	6	60																.58				0	0	0	0	26
27	53	44	9	12	48																.04				0	0	0	0	27
28	59	42	17	2	50																0				0	0	0	0	28
29	62	37	25	0	50																0				0	0	0	0	29
30	65	43	22	4	54																0				0	0	0	0	30
31																									0	0	0	0	31
S.	2244	1700	544	112	1972		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.70		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	74.8	56.7	18.1	3.7	65.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF September, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.178	29.149	29.164	29.430	22	28.760	20	0.670	30.101	30.069	30.085	30.37	22	29.66	20	0.71
Corrected mean		29.159						Corrected mean		30.080	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.4	67.4	63.9	58.4	63.0	60.7	74.8	56.7	65.8	—	—	—	90	14	37	29	53	30	1	5	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
57.1	60.3	58.7	88.9	79.4	84.2	.491	.547	.519	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6035	8.4	SW	37	W	10	3	14	7	2	11	12	5	6	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
[illegible]	4.7	5.6	50	10	10	10	3	3	7

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
29	none	none	7-14 15-18	0	30	0	10.17.18. 19.25	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.70	0.94	5-6	—	0	—	—	0	—	2	13	9	5	0	15	[illegible]	[illegible]	[illegible]	

(w) Maximum precipitation in 5 minutes .13, date 14; 10 minutes .22, date 14; 15 minutes .29, date 14; 30 minutes .38, date 14; 1 hour .45, date 14; 2 hours .63, date 18

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

*The duration is the time precipitation was actually recorded.

8—154

Prepared by H. T. Colleman

H. T. Colleman, Temporarily in Charge, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1915

Number of Station barometer, 636; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
20	6.20P	4.20P				28.760	29.66	73.0																	20
22	9.00A	9.00A				29.430	30.37	56.0																	22

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911 7 00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7 00 A m. May 20, 19 11

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1915

Number of Station barometer, 656; sum of corrections, +.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.0	28.979	-.107	28.872	29.79	52.2	52.2	52	100	.387	58.0	52.2	N	12			.33	10	Nb	N	Lt. Rain			1
2	68.0	29.173	-.113	29.060	29.99	43.3	43.0	43	98	.277	54.7	41.9	W	3			0	0	Lt. Fog	W	Clear			2
3	68.5	29.134	-.114	29.020	29.94	54.2	54.2	54	100	.417	62.6	54.2	S	6			0		Lt. Fog	S	Foggy			3
4	70.0	29.020	-.118	28.902	29.81	65.5	62.0	60	82	.517	70.0	64.3	S	14			0	0	0	0	Clear			4
5	69.5	29.200	-.117	29.083	30.01	46.2	45.2	44	93	.287	60.8	46.0	W	10			0	10	St	W	Cloudy			5
6	67.0	29.319	-.111	29.208	30.14	43.5	41.5	40	85	.247	47.4	43.0	S	2			0	8	St	W	Cloudy			6
7	67.5	29.194	-.112	29.082	30.01	45.7	43.2	41	82	.256	50.7	44.1	SW	10			0	2	St	W	Clear			7
8	65.0	29.258	-.105	29.153	30.09	34.0	32.6	30	87	.164	44.4	33.3	SW	12			0	0	0	0	Clear			8
9	63.5	29.524	-.102	29.422	30.37	37.0	36.5	36	95	.211	41.0	36.2	W	11			.02	10	St	W	Cloudy			9
10	67.0	29.569	-.111	29.458	30.41	35.4	33.9	31	86	.172	41.4	33.7	S	6			0	8	A. Cu.	SW	Cloudy			10
11	68.5	29.328	-.115	29.213	30.14	48.0	43.0	37	67	.219	51.8	46.7	S	14			0	1	Ci	S	Clear			11
12	68.0	29.379	-.114	29.265	30.20	50.0	46.0	42	74	.266	60.4	48.6	S	9			0	6 3	Ci. St. St.	W S	Cloudy			12
13	68.5	29.282	-.115	29.167	30.09	60.0	57.0	55	84	.432	61.2	55.2	SE	12			0	9	St	SE	Cloudy			13
14	69.0	29.372	-.116	29.256	30.19	57.0	56.0	55	94	.432	64.2	57.0	SW	3			.04	10	Nb	SW	Lt. Rain			14
15	70.0	29.558	-.119	29.439	30.38	53.2	52.7	52	97	.387	59.0	50.8	NE	10			0	10 —	St Lt. Fog	NE NE	Cloudy			15
16	69.5	29.656	-.119	29.537	30.48	49.0	48.5	48	96	.334	54.8	48.3	NE	7			0	9	St. Cu.	NE	Cloudy			16
17	69.5	29.440	-.118	29.322	30.26	47.4	46.9	46	96	.310	56.0	45.8	E	6			0	8	St. Cu.	E	Cloudy			17
18	71.0	29.150	-.121	29.029	29.95	61.9	61.4	61	97	.536	65.0	61.3	SW	6			.47	4 4	Ci. Cu. St. Cu.	W SW	Cloudy			18
19	70.0	29.190	-.118	29.072	29.99	57.3	56.8	56	97	.448	58.4	57.0	SW	6			.06	10	St.	SW	Cloudy			19
20	69.0	29.150	-.116	29.034	29.95	55.0	53.6	52	92	.387	62.0	53.6	S	6			0	1 1	Ci. St. St. Cu.	W S	Clear			20
21	69.5	29.380	-.118	29.262	30.20	42.6	42.1	42	96	.266	59.8	42.6	NW	5			0	4	St. Cu.	NW	Pt. Cloudy			21
22	68.0	29.470	-.114	29.356	30.30	43.4	40.9	38	81	.228	57.0	41.8	NW	2			0	0	0	0	Clear			22
23	68.0	29.434	-.114	29.320	30.26	41.3	39.9	38	89	.228	58.8	41.3	NE	1			0	3	St	NE	Clear			23
24	68.5	29.406	-.115	29.291	30.23	40.4	38.9	37	88	.219	48.5	40.4	E	5			0	7	St. Cu.	E	Pt. Cloudy			24
25	68.5	29.180	-.114	29.066	30.00	50.3	48.0	46	85	.310	51.0	43.9	S	8			0	6 2	Ci. St. St.	W S	Cloudy			25
26	67.0	29.288	-.111	29.177	30.11	44.0	39.0	32	64	.180	56.8	44.0	SW	8			0	0	0	0	Clear			26
27	67.0	29.468	-.111	29.357	30.31	39.0	35.6	31	73	.172	54.6	38.8	W	2			0	0	0	0	Clear			27
28	67.5	29.220	-.112	29.108	30.04	49.4	44.2	39	66	.237	55.0	47.0	SW	13			0	1	St	SW	Clear			28
29	68.0	29.216	-.113	29.103	30.03	43.8	42.3	41	89	.256	61.3	42.4	W	5			0	7	St. Cu.	W	Pt. Cloudy			29
30	68.5	29.390	-.115	29.275	30.22	41.4	38.5	35	78	.203	54.2	40.8	W	6			0	0	0	0	Clear			30
31	69.5	29.184	-.117	29.067	30.00	46.8	40.3	32	57	.180	58.5	45.3	S	14			0	6	Ci. St.	W	Pt. Cloudy			31
Sums		(a)	(a)	904.976	933.89	1478.2	1415.9	1346	2668	9.165	(a)	(a)	(a)	234	(a)	(a)	0.92	160	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.193	30.125	47.7	45.7	43.4	86.1	.296	(a)	(a)	(c) S	7.5	(a)	(a)	(a)	5.2	(c) St.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.025	.112	28.943	29.87	54.7	53.2	52	91	.337	57.2	50.0	NW	10			.42	9	St	NW	Cloudy	BDNA			1
2	69.0	29.116	.115	29.001	29.93	62.6	57.1	54	72	.417	68.3	43.3	SE	2			0	5	St	SW	Pt Cloudy	L 7.20 B7.20A E7.50A	BDNA L 7.20A		2
3	71.0	29.068	.120	28.948	29.87	70.0	62.8	59	67	.499	78.2	54.2	SE	9			0	0	0	0	Clear				3
4	70.5	29.060	.119	28.941	29.85	60.8	55.3	52	71	.387	74.2	60.8	W	10			.04	8	St	W	Cloudy				4
5	69.5	29.305	.117	29.188	30.12	47.4	45.0	43	84	.277	48.2	46.2	W	7			0	10	St	W	Cloudy				5
6	69.0	29.217	.116	29.101	30.04	50.7	47.0	43	76	.277	57.2	43.5	SE	4			0	0	0	0	Clear				6
7	67.5	29.294	.112	29.182	30.11	44.4	40.2	35	70	.203	53.4	44.3	W	16	27	SW	0	10	St	SW	Cloudy				7
8	67.0	29.403	.111	29.292	30.24	41.0	39.2	37	86	.219	42.3	34.0	W	16	25	SW	T	10	St	W	Cloudy				8
9	71.0	29.529	.122	29.407	30.36	41.4	38.9	35	80	.203	45.2	37.0	N	3			0	0	0	0	Clear				9
10	70.0	29.291	.119	29.172	30.10	51.8	43.3	34	49	.195	57.2	35.4	SE	9			0	0	0	0	Clear				10
11	69.0	29.308	.116	29.192	30.12	60.4	54.4	50	68	.360	70.2	48.0	S	7	27	S	0	10	ASt	S	Cloudy				11
12	70.0	29.320	.119	29.201	30.13	61.2	55.2	51	68	.373	69.2	50.0	SE	7			0	0	0	0	Clear				12
13	70.0	29.222	.118	29.104	30.02	64.2	64.2	64	100	.595	68.8	60.0	S	14			.05	10	Nb	S	Lt Rain				13
14	70.0	29.420	.119	29.301	30.23	59.0	57.0	56	89	.448	62.3	56.1	N	3			.02	0	0	0	Clear				14
15	72.0	29.598	.125	29.473	30.41	54.8	53.3	52	91	.387	57.3	53.2	NE	8			0	10	St	NE	Cloudy	BDNA			15
16	73.5	29.532	.129	29.403	30.34	56.0	53.5	52	85	.387	63.2	49.0	E	5			0	2	St	SE	Clear				16
17	71.5	29.250	.122	29.128	30.06	65.0	63.5	63	92	.575	70.3	47.4	E	5			0	6	St Cu	E	Pt Cloudy				17
18	71.0	29.158	.121	29.037	29.96	58.4	56.4	55	89	.432	63.2	58.4	S	8			0	8	St	S	Cloudy				18
19	70.5	29.130	.120	29.010	29.93	62.0	58.8	57	83	.465	67.2	55.3	W	1			0	0	0	0	Clear				19
20	72.0	29.166	.124	29.042	29.97	59.8	55.8	53	78	.402	74.9	55.0	NW	12			0	0	0	0	Clear				20
21	70.0	29.372	.119	29.253	30.19	57.0	47.0	36	46	.211	65.8	41.4	NW	8			0	0	0	0	Clear				21
22	70.5	29.413	.121	29.292	30.23	58.8	47.5	36	42	.211	67.2	43.4	NW	7			0	0	0	0	Clear				22
23	72.0	29.370	.124	29.246	30.18	48.5	45.0	42	76	.266	62.2	41.3	NE	12			0	5	St	NW	Pt Cloudy				23
24	71.5	29.286	.122	29.164	30.09	51.0	44.3	37	59	.219	57.0	40.4	E	5			0	1	St	E	Clear				24
25	69.0	29.186	.116	29.070	30.00	56.8	48.8	42	56	.266	64.9	50.3	SW	12	27	SW	0	0	0	0	Clear				25
26	69.5	29.290	.117	29.173	30.10	54.6	44.0	31	41	.172	63.8	44.0	W	12	34	SW	0	0	0	0	Clear				26
27	69.0	29.390	.117	29.273	30.21	55.0	46.8	39	54	.237	60.2	39.0	SW	4			0	0	0	0	Clear				27
28	69.5	29.096	.116	28.980	29.91	61.3	54.3	49	64	.347	71.6	49.4	SW	12			0	0	0	0	Clear				28
29	70.0	29.169	.118	29.051	29.98	53.0	46.0	39	58	.237	62.1	43.8	SW	11			0	0	0	0	Clear				29
30	69.5	29.349	.117	29.232	30.16	58.5	47.1	35	41	.203	66.2	41.4	SW	6			0	0	0	0	Clear				30
31	71.0	28.923	.120	28.803	29.71	65.4	54.9	46	50	.310	72.3	46.8	SW	15	32	SW	0	3	St	W	Clear				31
Sums		(a)	(a)	903.603	932.42	1755	1598	1429	2176	10.167	(a)	(a)	(a)	260	(a)	(a)	0.53	107	(a)	(a)	(a)	3	1	(a)	(a)
Means		(a)	(a)	29.148	30.078	56.3	51.0	46.1	70.2	.328	(a)	(a)	(c) SW	8.4	(a)	(a)	(a)	3.5	(c) St.	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1913

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	57	49	8	1	53																.75				0	0	0	0	1
2	68	42	26	2	55																0				0	0	0	0	2
3	78	54	24	11	66																0				0	0	0	0	3
4	74	50	24	4	62																.04				0	0	0	0	4
5	50	45	5	14	48																0				0	0	0	0	5
6	57	43	14	2	50																0				0	0	0	0	6
7	53	39	14	4	46																0				0	0	0	0	7
8	42	33	9	8	38																T				0	0	0	0	8
9	45	36	9	2	40																.02				0	0	0	0	9
10	57	34	23	6	46																0				0	0	0	0	10
11	70	47	23	12	58																0				0	0	0	0	11
12	69	49	20	1	59																0				0	0	0	0	12
13	69	55	14	3	62																.09				0	0	0	0	13
14	62	53	9	4	58																.02				0	0	0	0	14
15	57	49	8	5	53																0				0	0	0	0	15
16	63	48	15	3	56																0				0	0	0	0	16
17	70	46	24	2	58																.47				0	0	0	0	17
18	63	57	6	2	60																0				0	0	0	0	18
19	67	55	12	1	61																.06				0	0	0	0	19
20	75	50	25	1	62																0				0	0	0	0	20
21	66	41	25	8	54																0				0	0	0	0	21
22	67	42	25	0	54																0				0	0	0	0	22
23	62	41	21	2	52																0				0	0	0	0	23
24	57	40	17	4	48																0				0	0	0	0	24
25	70	44	26	9	57																0				0	0	0	0	25
26	64	44	20	3	54																0				0	0	0	0	26
27	60	39	21	4	50																0				0	0	0	0	27
28	72	47	25	10	60																0				0	0	0	0	28
29	62	42	20	8	52																0				0	0	0	0	29
30	66	41	25	2	54																0				0	0	0	0	30
31	72	45	27	4	58																0				0	0	0	0	31
S.	1964	1400	564	142	1684		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.45		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	63.4	45.2	18.2	4.6	54.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF October, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.213	29.148	29.170	29.537	16	28.790	31	0.747	30.125	30.078	30.102	30.48	16	29.69	31	0.79
Corrected mean		29.164						Corrected mean		30.096	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
47.7	56.3	52.0	45.7	51.0	48.4	63.4	45.2	54.3	–	–	–	78	2	33	8	45	27	31	5	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
43.4	46.1	44.8	86.1	70.2	78.2	.296	.328	.312	none	none	none	none

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6790	9.1	SW	34	SW	26	3	5	5	5	12	14	12	6	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	3.5	5.5	50	10	9	12	0	2	5

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
27, 30 22, 24	8, 10	none	None	None	none	none	2, 3, 15	3	none	none	none	none	none	none

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.45	0.75	1	None			None			1	7	5	2	0	8	0	0	0	0

(w) Maximum precipitation in 5 minutes .17, date 17"; 10 minutes .23, date 17"; 15 minutes .25, date 17";
30 minutes .31, date 17"; 1 hour .43, date 17"; 2 hours .47, date 17"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					None															

*The duration is the time precipitation was actually recorded.

8—154

Prepared by P. McDonough, L. H., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
31	00 11 PM	00 10 PM				28.790	29.69	64.0																	31

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. ††T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, *191*5

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. Self-recording rain gage taken in doors on 15

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20 1911, 7.00 AM; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911 912; first observation taken in present office, 7.00 A m. May 20, 19 11

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1915

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.020	.118	28.902	29.82	51.4	47.0	43	73	.277	65.4	51.4	W	8	25	SW	0	1	Ci	W	Clear		HHC	1
2	68.0	29.216	.113	29.103	30.03	43.0	38.8	34	69	.195	61.0	43.0	W	12			0	0	0	0	Clear		HHC	2
3	67.0	29.582	.111	29.471	30.42	35.8	34.0	31	84	.172	45.9	32.3	S	2			0	0	0	0	Clear		HHC	3
4	68.0	29.147	.113	29.034	29.96	51.0	42.0	31	45	.172	51.0	46.7	SW	16			0	10	St.	SW	Cloudy		HHC	4
5	67.0	29.314	.111	29.203	30.13	35.1	34.6	34	95	.195	54.0	35.1	N	6			0	2	Ci St.	N	Clear		HHC	5
6	68.0	29.339	.113	29.226	30.17	39.8	38.0	36	86	.211	43.0	34.2	E	6			0	10	St.	E	Cloudy		HHC	6
7	67.0	29.304	.111	29.193	30.12	42.4	41.0	40	89	.247	50.0	42.2	NE	6			0	2 / 2	A St / St	N / NE	Pt Cloudy		HHC	7
8	68.0	29.102	.112	28.990	29.91	61.0	57.5	55	81	.432	66.8	59.2	SW	14			T	10	St	SW	Cloudy		HHC	8
9	69.0	29.500	.117	29.383	30.33	38.0	36.8	35	89	.203	55.0	37.1	W	5			0	0	0	0	Clear		HHC	9
10	67.0	29.548	.111	29.437	30.39	37.4	36.0	34	88	.195	44.8	34.2	E	9			0	8	St	E	Cloudy		HHC	10
11	67.0	29.108	.110	28.998	29.93	63.2	59.0	56	78	.448	63.2	50.0	S	20			T	9	St	S	Cloudy		HHC	11
12	67.5	29.354	.112	29.242	30.17	35.0	34.0	33	91	.187	60.2	35.0	W	9			.02	1	St	W	Clear		HHC	12
13	66.0	29.466	.109	29.357	30.31	32.0	30.2	27	81	.143	43.3	32.0	SW	6			0	0	0	0	Clear		HHC	13
14	66.0	29.058	.107	28.951	29.89	32.9	30.6	27	77	.143	48.8	32.1	SE	4			0	10	St.	SE	Cloudy		HHC	14
15	67.0	29.046	.115	28.931	29.88	30.3	28.2	25	77	.130	43.2	30.0	W	12			.14	2	St	NW	Clear		HHC	15
16	65.0	29.233	.105	29.128	30.08	31.2	29.7	27	84	.143	31.2	25.1	S	14			0	10	St	S	Cloudy		HHC	16
17	64.5	29.492	.105	29.387	30.35	29.1	28.5	28	93	.150	42.0	28.3	E	8			0	1	Ci	W	Clear		HHC	17
18	64.0	29.276	.103	29.173	30.11	34.2	33.0	31	89	.172	39.2	31.1	E	9			0	9	A St.	SW	Cloudy		HHC	18
19	67.0	28.320	.107	28.213	29.12	41.8	41.3	41	96	.256	45.7	41.8	SW	26	30	SW	.23	10	St	SW	Cloudy		HHC	19
20	60.0	28.784	.091	28.693	29.63	33.0	31.9	31	89	.172	36.2	32.7	SW	26	35	W	T	9	St	SW	Cloudy		HHC	20
21	66.5	28.990	.108	28.882	29.83	30.8	29.2	27	83	.143	41.3	30.8	W	14	30	W	T	2	St	W	Clear		HHC	21
22	64.0	29.327	.103	29.224	30.17	27.5	26.1	24	83	.124	28.3	27.5	SW	9			0	10	St	SW	Cloudy		HHC	22
23	69.0	29.028	.115	28.913	29.86	35.1	33.6	31	86	.172	35.1	30.8	S	8			T	10	Nb	S	Lt. Snow		HHC	23
24	65.0	29.326	.105	29.221	30.16	33.0	31.8	30	88	.164	36.2	31.6	W	3			0	1	St	W	Clear		HHC	24
25	69.0	29.158	.116	29.042	29.98	48.0	44.0	40	73	.247	48.0	43.3	S	12			0	8	St	SW	Cloudy		HHC	25
26	70.5	28.970	.119	28.851	29.76	54.5	49.0	44	68	.287	59.0	53.6	S	24	27	S	0	8	A St.	SW	Cloudy		HHC	26
27	68.0	29.100	.112	28.988	29.93	39.2	39.2	39	100	.237	53.7	39.2	W	14	25	SW	.01	10	Nb	W	Lt. Rain		HHC	27
28	67.5	28.988	.111	28.877	29.82	36.2	35.1	34	90	.195	43.0	35.3	SE	6			0	5	A St	W	Pt Cloudy		HHC	28
29	66.5	29.032	.108	28.924	29.87	27.4	25.0	21	72	.108	37.4	27.3	SW	20	32	W	.12	10	St	SW	Cloudy		HHC	29
30	60.0	29.211	.092	29.119	30.08	22.9	21.6	19	83	.098	27.0	22.6	SW	18			T	10	Nb	SW	Lt. Snow		HHC	30
31																								31
Sums		(a)	(a)	872.056	900.21	1552	1086.7	1008	2480	6018	(a)	(a)	(a)	346	(a)	(a)	0.52	180	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.069	30.007	38.4	36.2	33.6	82.7	.201	(a)	(a)	(c) SW W	11.5	(a)	(a)	(a)	6.0	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1915

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.5	28.960	.124	28.836	29.75	61.0	53.0	46	59	.310	69.0	51.2	SW	15			0	0	0	0	Clear			PMcK	1
2	70.5	29.440	.121	29.319	30.26	45.9	39.2	30	55	.164	50.8	43.0	W	7	30	W	0	0	0	0	Clear			PMcK	2
3	72.0	29.480	.125	29.355	30.31	48.7	40.2	29	46	.157	54.0	35.8	SE	7			0	6	St	SE	Pt Cloudy			PMcK	3
4	70.0	29.154	.118	29.036	29.97	54.0	47.3	41	61	.256	58.6	50.0	SW	10	28	SW	0	0	0	0	Clear			PMcK	4
5	72.0	29.372	.124	29.248	30.20	43.0	39.8	36	76	.211	49.0	35.1	E	5			0	0	0	0	Clear			PMcK	5
6	70.0	29.274	.119	29.155	30.09	50.0	45.4	41	70	.256	59.2	39.8	NE	9			0	3	St	NE	Clear			PMcK	6
7	69.0	29.189	.116	29.073	30.00	66.8	60.3	56	69	.448	75.2	42.4	SE	9			0	2	St	SE	Clear			J.H.C.	7
8	71.0	29.266	.121	29.145	30.06	55.0	48.0	41	60	.256	72.6	55.0	NW	5	25	SW	0	0	0	0	Clear			PMcK	8
9	71.0	29.607	.122	29.485	30.43	44.8	38.7	31	57	.172	51.0	38.0	NE	5			0	0	0	0	Clear			PMcK	9
10	69.5	29.300	.117	29.183	30.11	50.0	42.3	33	52	.187	54.4	37.4	E	6			T	8	St	E	Cloudy			PMcK	10
11	69.0	29.100	.115	28.985	29.90	60.0	60.0	60	100	.517	66.4	60.0	SW	13	36	S	.38	10	Nb	SW	Lt. Rain			PMcK	11
12	70.5	29.472	.121	29.351	30.30	43.3	36.9	28	53	.150	50.6	34.8	SW	8			0	0	0	0	Clear			PMcK	12
13	71.5	29.330	.122	29.208	30.15	48.8	39.2	26	39	.136	55.0	32.0	S	6			0	5	Ci. St.	SW	Pt Cloudy			PMcK	13
14	68.0	28.884	.112	28.772	29.70	43.2	43.2	43	100	.277	46.3	32.9	W	8			T	10	Nb	W	Lt Rain			J.H.C.	14
15	71.5	29.260	.122	29.138	30.09	28.2	25.0	18	64	.093	30.3	26.8	W	3	25	SW	T	0	0	0	Clear			PMcK	15
16	68.0	29.200	.113	29.087	30.04	42.0	37.0	30	62	.164	47.0	30.0	SW	8			.01	6	St. Cu.	NW	Pt Cloudy			PMcK	16
17	67.0	29.517	.111	29.406	30.37	39.2	36.1	32	75	.180	46.8	27.0	E	8			0	0	0	0	Clear			PMcK	17
18	72.0	28.790	.122	28.668	29.60	43.0	43.0	43	100	.277	46.2	34.2	SE	10			.62	10	Nb	SE	Lt. Rain			PMcK	18
19	69.5	28.513	.114	28.399	29.32	35.0	34.2	33	93	.187	41.8	33.0	W	26	36	W	.06	10	Nb	W	Lt. Snow			PMcK	19
20	69.5	28.829	.115	28.714	29.65	41.0	38.0	34	77	.195	41.0	33.0	SW	6	31	SW	0	10	St	SW	Cloudy			PMcK	20
21	68.0	29.260	.113	29.147	30.10	28.3	26.8	24	82	.124	32.1	27.2	SW	16	28	W	T	10	St	SW	Cloudy			J.H.C.	21
22	72.0	29.270	.124	29.146	30.10	31.6	30.1	28	85	.150	34.0	27.5	S	9			0	8	St	S	Cloudy			PMcK	22
23	70.0	29.200	.118	29.082	30.03	34.3	32.3	29	81	.157	39.0	32.4	W	13			T	10	St	W	Cloudy			PMcK	23
24	70.5	29.208	.120	29.088	30.03	43.3	39.2	34	70	.195	49.4	31.8	SE	14			0	4	Ci. St	SW	Pt Cloudy			PMcK	24
25	71.0	29.122	.120	29.002	29.93	59.0	51.8	46	62	.310	66.8	48.0	SE	12	32	SW	0	5	Ci. St.	SW	Pt Cloudy			J.H.C.	25
26	70.0	28.902	.118	28.784	29.69	53.7	51.6	50	87	.360	61.6	53.7	S	14	38	S	T	10	Nb	S	Lt. Rain			PMcK	26
27	71.0	29.235	.121	29.114	30.05	43.0	41.4	40	87	.247	47.0	37.4	S	8			T	9	St	S	Cloudy			PMcK	27
28	69.0	28.730	.114	28.616	29.55	37.4	37.4	37	100	.219	47.1	36.2	SW	22	28	SW	.05	10	Nb	SW	Lt. Rain			J.H.C.	28
29	66.5	29.136	.109	29.027	29.99	27.0	24.9	21	75	.108	34.8	26.0	W	18			T	10	St	W	Cloudy			PMcK	29
30	70.5	29.326	.120	29.206	30.17	28.4	26.4	22	72	.113	33.4	21.8	SW	12			T	0	0	0	Clear			PMcK	30
31																									31
Sums	(a)	(a)	(a)	871.775	899.94	1329.4	1208.7	1062	2169	6.576	(a)	(a)	(a)	312	(a)	(a)	1.12	156	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.059	29.998	44.3	40.3	35.4	72.3	.219	(a)	(a)	(c) SW	10.4	(a)	(a)	(a)	5.2	(c) St.	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	69	51	18	2	60																0				0	0	0	0	1
2	56	38	18	3	47																0				0	0	0	0	2
3	54	32	22	4	43																0				0	0	0	0	3
4	59	43	16	8	51																0				0	0	0	0	4
5	49	35	14	9	42																0				0	0	0	0	5
6	59	34	25	4	46																0				0	0	0	0	6
7	75	42	33	12	58																0				0	0	0	0	7
8	73	45	28	1	59																T				0	0	0	0	8
9	51	37	14	15	44																0				0	0	0	0	9
10	55	34	21	0	44																T				0	0	0	0	10
11	66	46	20	12	56																.40				0	0	0	0	11
12	51	35	16	13	43																0				0	0		0	12
13	55	32	23	1	44																0				0	0	0	0	13
14	46	32	14	5	39																.14				0	0	0	0	14
15	35	27	8	8	31																T				0	T	0	T	15
16	47	25	22	5	36																.01				0	0.1	0	.01	16
17	47	27	20	1	37																0				0	0	0	0	17
18	46	31	15	1	38																.75+				0	0	0	0	18
19	46	33	13	2	40																.16+				0	0.5	T	.05	19
20	41	33	8	3	37																T				0	T	0	0	20
21	39	27	12	4	33																T				0	T	0	T	21
22	34	28	6	2	31																0				0	0	0	0	22
23	39	32	7	5	36																T				0	T	0	T	23
24	49	32	17	4	40																0				0	0	0	0	24
25	67	44	23	16	56																0				0	0	0	0	25
26	62	46	16	2	54																T				0	0	0	0	26
27	47	37	10	12	42																.01				0	0	0	0	27
28	47	33	14	2	[illegible]																.10+				0	0	0	0	28
29	35	24	11	10	30																.07+				0	0.6+	0	.06+	29
30	33	22	11	2	28																T				0	T	0	T	30
31																													31
S	1632	1037	495	178	1285		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.64		Total excess or deficiency since January 1,		0	1.2	(a)	(a)	(a)
M	51.1	34.6	16.5	5.9	42.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

 + estimated.

SUMMARY FOR THE MONTH OF November, 1915

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.069	29.059	29.064	29.500	3	28.200	19	1.300	30.007	29.998	30.002	30.45	3	29.10	19	1.35
Corrected mean		29.057						Corrected mean		29.995	3,500-ft.	—		10,000-ft.	—

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
38.4	44.3	41.4	36.2	40.3	38.2	51.1	34.6	42.8	–	–	–	75	7	22	30	53	33	7	6	22

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
33.6	35.4	34.5	82.7	72.3	77.5	.201	.219	.210	0	0	11	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8694	12.1	SW	38	S	26	1	3	7	7	10	17	14	1	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.0	5.2	6.3	43	6	10	14	0	1	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	3	None	None	None	13	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.64	0.86	18-19		None			None		8	8	6	2	0	16	7	3	1.2	

X Believed to have occurred on the 19th

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
		None																		

X "TB" gage removed on the 15th on account of freezing weather.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ C. McDonough, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 191

Number of Station barometer, 656; sum of corrections, [illegible] inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.	
18	5.00P	4.00P	7.00	28.902	-.118	28.784	29.71	43.1	43.1	43	0	100	46.2	E	12			.27	10	Nb	E	Lt. Rain	Rapid pressure change	H&C	18	Sent to C.O.
24	2.00P	1.00P	[illegible]	29.245	-.118	29.127	30.07	47.4	40.9	33	14	57	47.4	S	12			0	7	A.Cu.	SW	Pt Cloudy		H&C	24	Sent to C.O.
3	11.00 AM	10.00 AM				29.500	30.45	46.0																	3	
19	6.40 AM	5.40 AM				28.200	29.10	45.0																	19	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1915 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *1915*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 5978; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15138; No. of minimum thermometer in use, 12402

† Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date no; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911. 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun streets, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1915

Number of Station barometer, 6.56; sum of corrections, −0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.5	29.282	−.120	29.162	30.11	30.8	30.3	30	95	.164	30.8	26.0	S	11			.04	10	Nb	S	Lt. Snow		PMerl	1
2	71.5	29.420	−.123	29.297	30.26	27.9	26.8	25	87	.130	34.2	26.9	SW	6			T	2	St	SW	Clear		PMerl	2
3	69.5	29.308	−.117	29.191	30.14	26.0	25.5	25	94	.130	31.2	23.0	S	6			.01	10	Nb	S	Lt. Snow		PMerl	3
4	73.5	29.420	−.129	29.291	30.25	19.3	18.5	16	88	.085	29.2	18.0	NE	5			0	8	St.Cu.	NE	Cloudy		PMerl	4
5	69.0	29.472	−.117	29.355	30.33	25.0	23.8	22	85	.113	28.6	24.6	NE	6			0	10	St	NE	Cloudy		PMerl	5
6	72.5	29.670	−.127	29.543	30.51	18.0	17.2	15	87	.081	28.0	18.0	N	4			0	1	St	N	Clear		PMerl	6
7	71.0	29.550	−.122	29.428	30.39	25.2	24.2	22	87	.113	30.8	23.8	S	5			0	7	St.Cu.	S	Pt.Cloudy		PMerl	7
8	68.5	28.966	−.114	28.852	29.80	33.0	32.0	31	90	.172	36.8	31.8	SW	15			0	1	St.	SW	Clear		PMerl	8
9	67.0	29.144	−.110	29.034	29.98	29.0	28.2	27	91	.143	34.0	29.0	N	12			T	9	St ci.st	N W	Cloudy		PMerl	9
10	69.0	29.384	−.117	29.267	30.23	23.8	22.3	19	81	.098	29.2	23.8	NW	3			T	2	St.	NW	Clear		PMerl	10
11	67.5	29.248	−.112	29.136	30.10	25.2	24.2	22	87	.113	26.8	21.4	E	16			0	10	St	E	Cloudy		PMerl	11
12	65.0	29.092	−.104	28.988	29.95	27.0	26.4	26	93	.136	29.0	25.9	E	9			T	10	Nb	E	Lt Snow		PMerl	12
13	65.5	29.070	−.106	28.964	29.91	30.2	29.7	29	95	.157	32.6	29.4	W	9			.04	10	Nb	W	Lt Snow		PMerl	13
14	64.5	29.270	−.104	29.166	30.13	17.0	16.2	14	87	.077	26.2	15.5	W	13			T	10	Nb	W	Lt Snow		PMerl	14
15	69.0	29.368	−.116	29.252	30.22	13.7	12.9	11	85	.066	16.6	9.6	SW	4			T	7	St.Cu.	SW	Pt.Cloudy		PMerl	15
16	67.0	29.252	−.111	29.141	30.10	24.0	22.0	18	74	.093	24.0	21.8	E	14			T	10	Nb	E	Lt Snow		PMerl	16
17	66.5	28.766	−.108	28.658	29.60	37.0	37.0	37	100	.219	38.4	29.2	SW	12			.26	—	Dense Fog	SW	Foggy		PMerl	17
18	71.0	29.010	−.120	28.890	29.84	25.4	24.9	24	94	.124	30.2	24.6	W	10			T	10	Nb	W	Sleeting		PMerl	18
19	66.5	29.150	−.109	29.041	30.00	29.3	29.3	29	100	.157	29.3	25.2	SW	12			.01	10	Nb	SW	Lt Snow		PMerl	19
20	67.0	29.450	−.111	29.339	30.32	14.2	13.6	12	89	.070	20.0	12.4	SW	8	25	W	T	10	St	SW	Cloudy		PMerl	20
21	66.0	29.332	−.108	29.224	30.18	15.6	14.0	9	73	.060	20.0	12.9	NE	6			0	6 1	ci.st St	W NE	Pt.Cloudy		PMerl	21
22	68.0	29.143	−.113	29.030	29.98	32.4	30.3	27	78	.143	37.0	32.4	SW	10			0	6 2	ci.Cu. St	NW SW	Cloudy		PMerl	22
23	65.0	28.850	−.104	28.746	29.68	40.5	37.5	34	76	.195	42.3	38.4	SW	26	31	SW	0	9	St.Cu.	SW	Cloudy		PMerl	23
24	67.0	29.336	−.111	29.225	30.16	30.9	29.8	28	88	.150	36.2	29.3	SW	5	28	SW	0	10	St	SW	Cloudy		PMerl	24
25	69.0	28.860	−.114	28.746	29.69	28.2	27.7	27	94	.143	30.2	28.2	NW	18	28	NE	.40	10	Nb	NW	Lt Snow		PMerl	25
26	67.5	29.320	−.112	29.208	30.17	19.9	19.1	17	88	.089	30.0	17.8	SW	12			0	10	St	SW	Cloudy		PMerl	26
27	71.0	29.250	−.121	29.129	30.08	35.3	32.3	28	73	.150	35.4	34.2	SW	9			0	10	St	SW	Cloudy		PMerl	27
28	66.5	29.257	−.109	29.148	30.11	21.0	19.6	16	80	.085	26.2	20.4	W	5			.01	10	St	W	Cloudy		PMerl	28
29	67.0	28.768	−.109	28.659	29.61	23.6	23.2	23	95	.118	23.6	13.8	NE	34	34	NE	T	10	Nb	NE	Lt Snow		PMerl	29
30	68.0	29.491	−.114	29.377	30.34	25.9	24.8	23	87	.118	29.6	25.7	E	6			0	10	St	E	Cloudy		PMerl	30
31	68.0	29.601	−.114	29.487	30.45	28.0	26.8	25	86	.130	29.7	26.6	E	5			T	10	St	E	Cloudy		PMerl	31
Sums		(a)	(a)	902.974	932.62	8023	7701	711	2707	3.874	(a)	(a)	(a)	316	(a)	(a)	.77	252	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.128	30.085	259	248	229	873	.123	(a)	(a)	(c) SW	10.7	(a)	(a)	(a)	8.1	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.5	29.279	-.125	29.154	30.10	34.2	32.7	30	86	.164	37.3	30.8	S	6			.10	10	St	S	Cloudy			HFC	1
2	75.0	29.439	-.133	29.306	30.27	31.2	29.4	27	81	.143	34.2	27.1	W	6			T	0	0	0	Clear			HFC	2
3	73.0	29.298	-.126	29.172	30.12	29.2	26.2	20	67	.103	32.4	26.0	NE	8			.04	10	St	NE	Cloudy			HFC	3
4	74.0	29.433	-.130	29.303	30.26	28.6	25.1	18	61	.093	32.8	19.3	NE	6			0	0	0	0	Clear			HFC	4
5	76.5	29.560	-.137	29.423	30.39	28.0	26.0	22	77	.113	33.2	25.0	N	9			0	0	0	0	Clear			PMcN	5
6	75.0	29.635	-.134	29.501	30.47	30.8	29.0	26	81	.136	34.2	18.0	NE	6			0	10	St	NE	Cloudy			HFC	6
7	75.0	29.222	-.132	29.090	30.04	36.0	32.2	26	67	.136	36.8	25.2	SW	14			T	10	St	SW	Cloudy			HFC	7
8	68.0	29.000	-.112	28.888	29.84	34.0	31.2	27	74	.143	35.2	32.0	W	14			T	10	St	W	Cloudy			HFC	8
9	70.0	29.260	-.119	29.141	30.09	29.2	27.7	25	83	.130	31.3	28.8	W	6			T	10	Nb	W	Lt Snow			HFC	9
10	71.0	29.368	-.121	29.247	30.21	26.8	25.3	23	82	.118	30.8	23.2	NE	9			0	3	Ci	W	Clear			HFC	10
11	68.0	29.144	-.113	29.031	29.99	26.3	24.3	20	75	.103	27.4	25.3	E	12			.06	10	St	E	Cloudy			HFC	11
12	69.0	29.000	-.115	28.885	29.83	32.0	31.0	30	90	.164	32.0	25.7	W	7			.12	10	Nb	W	Lt Snow			PMcN	12
13	70.0	29.221	-.118	29.103	30.05	26.2	24.2	20	75	.103	32.3	26.2	W	14			.06	10	St	W	Cloudy			HFC	13
14	70.0	29.302	-.119	29.183	30.15	16.6	15.4	12	80	.070	21.3	16.0	W	14			.02	10	Nb	W	Lt Snow			HFC	14
15	71.0	29.322	-.121	29.201	30.16	23.6	21.1	15	67	.081	28.9	13.7	E	6			0	10	St	E	Cloudy			HFC	15
16	70.0	29.012	-.118	28.894	29.85	29.2	28.7	28	94	.150	29.2	24.0	E	14			T	10	Nb	E	Lt Rain			HFC	16
17	72.0	28.864	-.122	28.742	29.68	30.2	28.7	26	84	.136	37.0	30.2	W	12			.16	10	St	W	Cloudy	B7.15 E11.40	BDNA E7.54	NFC	17
18	71.0	29.150	-.121	29.029	29.99	25.2	23.2	19	75	.098	25.4	22.1	SW	12			T	10	St	W	Cloudy			HFC	18
19	66.0	29.382	-.109	29.273	30.23	20.0	18.0	13	70	.074	29.6	20.0	SW	18	26	SW	T	9	St.Cu	W	Cloudy			PMcN	19
20	72.5	29.404	-.126	29.278	30.26	20.0	18.2	13	73	.074	29.3	14.2	E	5			T	0	0	0	Clear			HFC	20
21	75.0	29.250	-.132	29.118	30.08	36.2	32.7	27	69	.143	37.8	15.6	SE	8			0	8	A.St.	SW	Cloudy			HFC	21
22	70.5	29.102	-.119	28.983	29.93	38.4	35.0	31	72	.172	41.9	31.2	S	12			0	9	Ci	W	Cloudy			HFC	22
23	69.5	29.050	-.116	28.934	29.87	36.2	33.0	28	72	.150	40.5	35.3	SW	20	30	SW	0	10	St	SW	Cloudy			HFC	23
24	74.0	29.142	-.129	29.013	29.96	30.2	29.6	29	94	.157	34.0	30.2	NE	10			.14	10	Nb	NE	Lt Snow			HFC	24
25	71.5	29.180	-.122	29.058	30.01	30.0	27.8	24	76	.124	31.7	28.2	W	12			.02	10	St	W	Cloudy			PMcN	25
26	76.0	29.194	-.134	29.060	30.02	34.2	31.8	28	78	.150	34.2	19.9	S	10			0	7	St	S	Pt Cloudy			PMcN	26
27	70.5	29.274	-.120	29.154	30.10	26.2	25.2	23	88	.118	35.3	26.2	W	8			.28	10	Nb	W	Lt Snow			HFC	27
28	72.0	29.172	-.124	29.048	30.01	16.4	14.2	7	63	.054	26.3	16.4	E	9			0	0	0	0	Clear			HFC	28
29	73.5	29.258	-.128	29.130	30.09	29.6	28.4	26	87	.136	30.3	23.6	NE	6	35	NE	.01	10	St	NE	Cloudy			HFC	29
30	73.5	29.632	-.130	29.502	30.46	29.7	29.2	29	95	.157	30.1	25.9	NE	5			T	10	Nb	NE	Lt Snow			HFC	30
31	73.0	29.370	-.126	29.244	30.19	36.9	35.8	34	90	.195	39.2	28.0	S	10			T	10	St	S	Cloudy			HFC	31
Sums	(a)	(a)	(a)	903.088	932.70	901.3	840.3	726	2426	3.888	(a)	(a)	(a)	308	(a)	(a)	.101	246	(a)	(a)	(a)	1	1	(a)	(a)
Means	(a)	(a)	(a)	29.132	30.087	29.1	27.1	23.4	78.3	.125	(a)	(a)	(c) W	9.9	(a)	(a)	(a)	7.9	(c) St.	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1915

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	37	27	10	4	32																.14				0	1.4	0.7	.14	1
2	34	24	10	3	29																T				0	T	0.4	T	2
3	32	23	9	1	28																.05				0	0.7	0.5	.05	3
4	33	18	15	2	26																0				0	0	0.2	0	4
5	33	22	11	2	28																0				0	0	0.1	0	5
6	34	18	16	2	26																0				0	0	T	0	6
7	37	24	13	4	30																T				0	T	T	T	7
8	35	32	3	4	34																T				0	T	T	T	8
9	33	27	6	4	30																T				0	T	T	T	9
10	31	23	8	3	27																0				0	T	T	0	10
11	29	21	8	2	25																.06				0	0.6	0.5	0.6	11
12	33	26	7	5	30																.14 ×				0	1.0	1.1	.14 ×	12
13	32	24	8	2	28																.08 ×				0	1.0	1.8	.08 ×	13
14	24	13	11	10	18																.02				0	0.2	1.9	.02	14
15	29	10	19	2	20																0				0	T	1.6	0	15
16	32	22	10	7	27																.14 ×				0	T	1.3	T	16
17	38	27	11	5	32																.28 ×				0	0	0.3	0	17
18	27	22	5	8	24																T				T	T	0.2	T	18
19	30	17	13	0	24																.01				0	0.1	0.1	.01	19
20	29	12	17	4	20																T				0	T	0.1	T	20
21	38	13	25	6	26																0				0	0	T	0	21
22	42	31	11	10	36																0				0	0	T	0	22
23	42	31	11	0	36																0				0	0	T	0	23
24	34	29	5	4	32																.33 ×				0	2.4	1.4	.33 ×	24
25	32	21	11	6	26																.23 ×				0	6.1	6.5	.23 ×	25
26	35	18	17	0	26																0				0	0	5.6	0	26
27	35	24	11	4	30																.29				0	4.2	8.0	.29	27
28	26	14	12	10	20																0				0	0.1	7.8	0	28
29	30	15	15	2	22																.01				0	0.1	7.8	.01	29
30	30	26	4	6	28																T				0	T	7.5	T	30
31	39	27	12	5	33																T				0	T	6.3	0	31
S	1025	681	344	127	853		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.78		Total excess or deficiency since January 1,		T	17.9	(a)	(a)	(a)
M	33.1	22.0	11.1	4.1	27.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

× Estimated

8—154

SUMMARY FOR THE MONTH OF December, 1915.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.128	29.132	29.130	29.570	6	28.610	29	.960	30.085	30.087	30.086	30.54	6	29.55	29	0.99
Corrected mean 29.124								Corrected mean 30.080			3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
25.9	29.1	27.5	24.8	27.1	26.0	33.1	22.0	27.6	-	-	-	42	23	10	15	32	25	21	3	8

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
22.9	23.4	23.2	87.3	78.3	82.8	.123	.125	.124	12	0	31	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7514	10.1	SW	35	NE	29	3	11	10	1	7	15	13	2	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.1	7.9	8.0	20	2	8	21	0	1	12

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	10	None	17	17	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.78	0.56	24-25	None			None			8	13	10	3	0	21	19	11	17.9	6.3

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Tipping bucket gage not in use on account of freezing weather

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
		None																		

*The duration is the time precipitation was actually recorded.

8—154

Prepared by P. McDonough, L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1915

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	12:00 M	11:00 A	68.0	29.206	-.113	29.093	30.05	27.0	24.4	20	7	69	27.2	E	18			T	10	Nb	E	Snow		[illegible]	11
16	12:00 M	11:00 A	68.0	29.191	-.113	29.078	30.04	27.0	23.9	18	9	64	27.0	E	14			T	10	St	E	Cloudy		[illegible]	16
24	12:00 M	11:00 A	70.5	29.310	-.120	29.190	30.14	32.0	30.0	27	5	79	32.0	S	4			0	10	St	S	Cloudy	called for by "C.B."	Allen	24
6	11:20 am	10:20 am				29.570	30.54	28.0																	6
29	8:30 am	7:30 am				28.610	29.55	25.0																	29

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

191~~5~~

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 191~~5~~

Streets, Cor. Berry and Calhoun

Number,

Room, 911-912

SUM OF BAROMETER CORRECTIONS.

From 8.00 A *m.* Jan 1 *to* 8.00 P *m.* Dec 31 *inc.,* .009 *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 1915.—STATION Fort Wayne, Ind.

Latitude N. 41°, 5′. Longitude W. 85°, 10′. Local time — h. 41 min. (t) slower than 75th meridian time.

MONTHS.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c)	8 p. m. (c)	Corrected monthly. (c)	Highest ~~observed.~~ (c)	Date.	Lowest ~~observed.~~ (c)	Date.	Absolute range. (c)
	In.	In.	In.	In.		In.		In.
Jan.,	29.148	29.114	29.126	29.540	3	28.470	6	1.070
Feb.,	29.149	29.155	29.147	29.530	17	28.590	5	0.960
Mar.,	29.127	29.108	29.113	29.500	4	28.780	19	0.720
April,	29.174	29.123	29.143	29.550	13	28.720	30	0.830
May,	29.015	28.986	28.995	29.360	19	28.560	7	0.800
June,	29.122	29.059	29.086	29.340	28	28.780	18	0.560
July,	29.064	29.042	29.050	29.290	27	28.730	11	0.560
Aug.,	29.093	29.057	29.071	29.363	18	28.650	21	0.713
Sept.,	29.178	29.149	29.159	29.430	22	28.760	20	0.670
Oct.,	29.193	29.148	29.164	29.537	16	28.790	31	0.747
Nov.,	29.069	29.059	29.057	29.500	3	28.200	19	1.300
Dec.,	29.128	29.132	29.124	29.570	6	28.610	29	0.960
Sum,	349.460	349.132	349.235	Highest.	Date. Dec.	Lowest.	Date. Nov.	9.890
Mean,	29.122	29.094	29.103	29.570	6.	28.200	19.	0.824

MONTHS.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d)	8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Min. (d)	Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Mean daily. (d)	Mean daily change. (d)	No. of Days. Max. 32° or below	Max. 90° or above	Min. 32° or below
	°	°	°	°	°	°		°		°	°	°			
Jan.,	20.3	26.5	31.1	16.1	23.6	50	17	-8	24	58	15.0	6.4	17	0	30
Feb.,	29.9	34.6	40.4	26.4	33.4	60	13	15	7	45	14.0	5.5	6	0	20
Mar.,	27.8	35.7	40.1	25.1	32.6	52	14	14	3	38	15.0	3.8	3	0	28
April,	48.9	58.9	64.8	43.6	54.2	87	26	25	1	62	21.3	5.3	0	0	5
May,	61.1	69.4	64.9	45.6	55.2	81	12	35	5	46	19.3	5.5	0	0	0
June,	60.0	69.3	74.5	55.2	64.8	84	6	43	10	41	19.2	3.6	0	0	0
July,	66.3	73.9	80.0	62.0	71.0	88	13	52	5	36	18.0	2.3	0	0	0
Aug.,	61.5	67.9	73.4	57.9	65.6	84	1	43	31	41	15.5	3.5	0	0	0
Sept.,	60.4	67.4	74.8	56.7	65.8	90	14	37	29	53	18.1	3.7	[illegible]	[illegible]	[illegible]
Oct.,	47.7	56.3	63.4	45.2	54.3	78	3	33	8	45	18.2	4.6	0	0	0
Nov.,	38.4	44.3	51.1	34.6	42.8	75	7	22	30	53	16.5	5.9	0	0	11
Dec.,	25.9	29.1	33.1	22.0	27.6	42	23	10	15	32	11.1	4.1	12	0	31
Sum,	538.2	623.3	691.6	490.4	590.9	Max	Date. Sept.	Min.	Date. Jan.	550	201.2	54.2	38	0	125
Mean,	44.8	51.9	57.6	40.9	49.2	90	14.	-8	24	46	16.8	4.5	a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster," or "slower," as the case may be.

MONTHS.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES. Sea-Level. Pressure. (c)	Sea-Level. Temperature. (d)	3,500-foot. Pressure. (b)	3,500-foot. Temperature. (d)	10,000-foot. Pressure. (b)	10,000-foot. Temperature. (d)	DEW-POINT. Mean. 8 a. m. (e)	Mean. 8 p. m. (e)	Mean. Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	Mean. 8 p. m. (e)	Mean. Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	Mean. 8 p. m. (c)	Mean. Monthly. (c)
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.
Jan.,	30.087	–					17	22	20	81	83	84	.100	.126	.113
Feb.,	30.097						26	28	27	85	77	81	.153	.158	.156
Mar.,	30.063	–	–	–	–	–	22	26	24	77	66	72	.120	.138	.129
April,	30.073						40	42	41	72	56	64	.271	.292	.282
May,	29.917						45	47	46	78	65	72	.304	.334	.319
June,	30.004						53	58	56	79	69	74	.419	.491	.455
July,	29.961						61	64	63	85	73	79	.555	.614	.584
Aug.,	29.988						59	61	60	92	79	85	.510	.549	.530
Sept.,	30.080						57	60	59	89	79	84	.491	.547	.519
Oct.,	30.096						43	46	45	86	70	78	.296	.328	.312
Nov.,	29.995						34	35	34	83	72	78	.201	.219	.210
Dec.,	30.080						23	23	23	87	78	83	.123	.125	.124
Sum,	361.044						480	512	498	999	867	934	3.543	3.921	3.733
Mean,	30.037						40	43	42	83	72	78	.295	.327	.311

MONTHS.	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 107 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Greatest Amount in any 24 Consecutive Hours. Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Excessive. 2.50 inches in 24 hours. Dur't'n. (h.&m.)	Excessive. 2.50 inches in 24 hours. Date.	Excessive. 1 inch per hour. (g) Amt.	Excessive. 1 inch per hour. Dur't'n. (h.&m.)	Excessive. 1 inch per hour. Date.	SNOWFALL (total depth.)
	In.	In.		In.			In.			In.
Jan.,	2.62	0.93 ~~0.64~~	31* Feb. 1.	–	0	–	–	0	–	20.2
Feb.,	1.90	0.45	4*5*	–	0	–	–	0	–	2.3
Mar.,	0.80	0.35	5"	–	0	–	–	0	–	3.4
April,	1.58	0.64	9*10"		0	–	–	0	–	7
May,	4.60	1.41	28* 29	–	0	–	–	0	–	0
June,	2.77	.58	25* 29"	–	0	–	–	0	–	0
July,	4.81	1.14	14 15	–	0	–	–	0	–	0
Aug.,	4.12	1.15	20* 21	–	0	–	–	0	–	0
Sept.,	3.70	0.74	5* 6	–	0	–	–	0	–	0
Oct.,	1.45	0.75	1	–	0	–	–	0	–	0
Nov.,	1.64	0.86	18* 19	–	0	–	–	0	–	1.2
Dec.,	1.78	0.56	24* 25	–	0	–	–	0	–	17.9
Sum,	31.77	"	"	"	"	"	"	"	"	55.0
Mean,	"	1.41	may 28* 29	"	"	"	"	"	"	"

See Page 8

b To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

Months.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear. *	Partly Cloudy. *	Cloudy. *	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	8.1	6.6	7.8	81.2	298.2	27	6599	SW	36	SW	7	0	5	4	7	6	5	27	3	5	0	3	7	21	11	8	13	9	0	1	0	0
Feb.,	7.5	7.0	7.5	97.5 ~~98.0~~	298.2	33	7818	SW	36	SW	14	0	6	8	13	3	3	16	3	4	0	4	5	19	14	8	10	6	0	1	0	0
Mar.,	5.3	5.0	5.8	195.9	370.8	53	6908	NW	32	E	4	0	7	10	2	1	1	14	8	19	0	12	3	16	10	6	12	6	0	1	0	0
April,	5.4	5.3	5.3	253.7	399.9	63	6724	SW	39	SW	11	0	5	11	4	4	7	17	6	6	0	10	7	13	10	4	2	0	0	0	5	0
May,	7.5	6.7	7.3	199.0	449.2	44	7462	NE	44	SW	21	2	6	15	7	5	3	11	6	9	0	4	6	21	16	14	0	0	0	0	4	0
June,	5.6	5.6	6.1	237.3	452.0	52	5802	NE	36	SW	18	0	9	12	9	6	4	5	6	9	0	6	12	12	12	8	0	0	0	0	4	0
July,	5.8	6.5	6.2	240	458.3	47	5100	SW	38	SW	4	0	3	9	2	4	7	17	12	8	0	6	12	13	17	13	0	0	0	0	11	0
Aug.,	6.7	5.9	6.5	158.4	426.9	37	6422	SW	24	NE	17	0	4	17	4	4	2	14	11	6	0	8	8	15	12	8	0	0	0	1	2	0
Sept.,	4.1	4.7	5.6	186.9	374.0	50	6035	SW	37	W	10	0	3	14	7	2	11	12	5	6	0	10	10	10	13	9	0	0	0	0	4	0
Oct.,	5.2	3.5	5.5	173.0	344.1	50	6790	SW	34	SW	26	0	3	5	5	5	12	14	12	6	0	10	9	12	7	5	0	0	0	1	0	0
Nov.,	6.0	5.2	6.3	128.2	297.0	43	8694	SW	38	E	26	0	1	3	7	7	10	17	14	1	0	6	10	14	8	6	7	3	0	0	0	0
Dec.,	8.1	7.9	8.0	58.6	287.3	20	7514	SW	35	NE	29	0	3	11	10	1	7	15	13	2	0	2	8	21	13	10	19	11	0	1	0	0
Sum,	75.3	69.9	77.9	1983.7	4455.7	519	80,868	a j	a j	a j	a j	2	55	119	77	48	72	179	99	81	0	81	97	187	143	99	63	35	0	6	~~29~~ 30	0
Mean,	6.3	5.8	6.5	165.3	371.3	43	a	SW	44	SW	May 21	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. *From sunrise to sunset.

MONTHS.	WIND.																								
	Mean Hourly Velocity.																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.2	8.3	8.3	7.7	7.8	8.3	8.3	8.2	8.2	8.5	9.4	9.5	10.6	10.7	10.4	9.6	9.6	9.3	9.4	9.1	8.4	8.4	8.5	8.3	8.[illegible]
Feb.,	11.5	11.1	11.1	11.2	11.0	10.8	11.3	11.3	11.0	11.2	11.6	12.3	13.9	13.6	13.2	12.6	11.5	11.2	11.6	11.8	11.3	11.2	10.7	11.1	11.6
Mar.,	7.6	7.6	7.6	7.6	7.7	7.8	8.1	9.1	10.3	10.6	11.2	11.5	12.8	12.3	12.2	11.4	11.1	9.4	8.4	8.3	7.7	7.5	7.5	7.5	9.3
April,	6.9	6.8	6.6	6.7	6.9	7.6	8.3	9.2	10.2	11.3	11.9	12.0	12.9	13.1	12.8	12.2	11.2	9.8	8.2	8.0	8.5	8.2	8.0	7.0	9.3
May,	7.6	7.6	8.9	8.6	8.9	9.1	10.1	10.5	10.5	11.1	12.0	12.5	13.4	13.0	12.2	11.9	11.1	10.4	9.3	8.7	8.9	8.4	8.4	7.9	10.0
June,	6.9	6.9	6.8	6.1	6.3	6.8	7.6	7.7	8.9	9.1	10.2	10.0	9.6	9.7	10.4	9.6	9.5	8.8	7.7	7.2	7.0	7.4	6.7	6.5	8.1
July,	5.0	5.0	5.2	5.0	5.1	5.4	5.8	6.2	7.2	8.3	9.0	9.1	9.7	10.0	9.9	9.9	9.0	8.2	6.5	5.5	4.9	4.8	4.8	5.0	6.9
Aug.,	6.1	6.1	6.3	6.1	5.9	5.8	6.1	7.4	7.8	8.7	8.8	9.2	9.7	9.4	9.4	9.2	8.9	7.3	6.7	6.1	5.8	6.0	6.1	5.9	7.3
Sept.,	7.0	7.2	6.9	7.1	7.0	6.9	7.0	8.4	9.7	10.2	10.9	10.9	11.7	10.9	10.1	9.8	8.7	7.3	7.1	7.4	7.7	7.0	7.0	7.2	8.4
Oct.,	7.3	7.5	7.0	7.1	7.4	7.5	7.8	8.2	9.6	10.8	11.5	12.0	12.8	12.3	11.8	11.3	9.1	8.5	8.8	8.7	8.4	8.0	8.0	7.8	9.1
Nov.,	11.6	11.1	10.9	10.5	11.1	11.3	12.1	12.2	13.0	13.8	14.7	14.5	14.8	14.3	14.0	12.7	11.0	10.7	10.9	10.2	10.4	11.0	11.5	11.5	12.1
Dec.,	10.0	9.0	9.8	9.6	9.5	9.6	10.1	10.7	10.3	10.3	10.5	10.9	11.3	10.7	10.4	9.6	9.6	9.4	10.1	10.6	10.0	10.0	10.1	10.1	10.1
Sum,	95.7	94.2	95.4	93.3	94.6	96.9	102.6	109.1	116.7	123.9	131.7	134.4	143.2	140.0	136.8	129.8	120.3	110.3	104.7	101.6	99.0	97.9	97.3	95.8	111.[illegible]
Mean,	8.0	7.8	8.0	7.8	7.9	8.1	8.6	9.1	9.7	10.3	11.0	11.2	11.9	11.7	11.4	10.8	10.0	9.2	8.7	8.5	8.2	8.2	8.1	8.0	9.3

MONTHS.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by H. T. Coleman

C. McDonough
Weather Bureau.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. Began ____

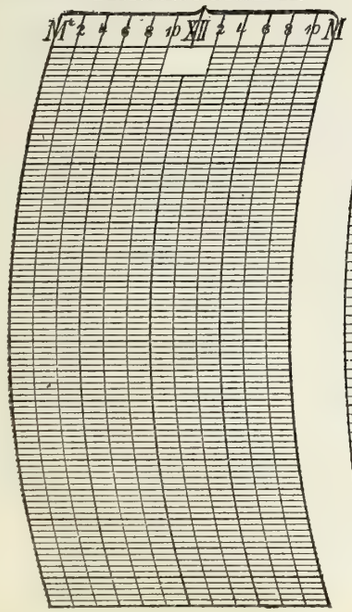
Extreme velocity, ____

Relative humidity, ____ a. m. ____ p. m.

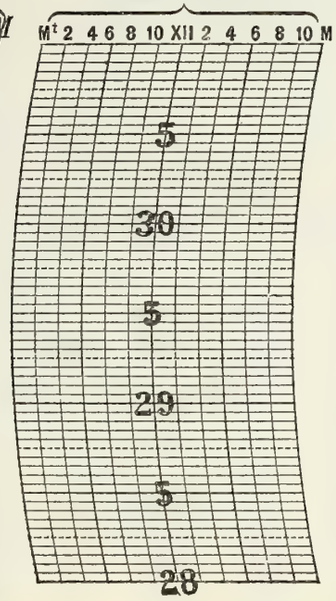
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

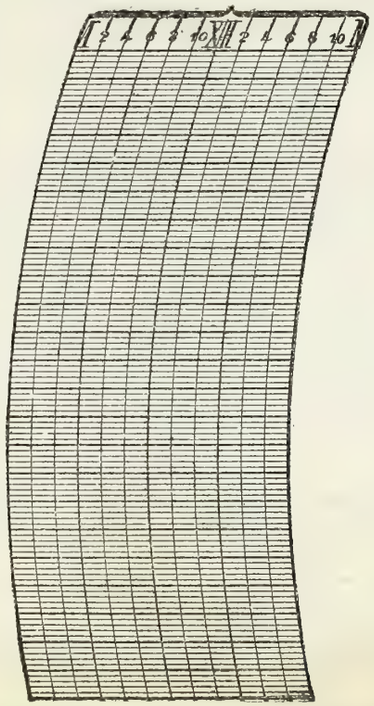
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 1 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	17	18	20	20	21	24	27	29	32	34	34	35	34	31	32	33	33	33	33	31	27
State of weather: Nature of precipitation and time of beginning and ending																d SB 3.50								
Amounts of precipitation																--	--	--	--	--	--	--	--	--
Cloudiness and other conditions			Clear				Cldy	Cldy			Cldy				Cloudy									

Sunrise: Time, 7.06 Character, Cloudy

Sunset: Time, 4.23 Character, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0.2	0.6	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	9	9	10	9	10	12	13	13	16	16	17	19	19	22	22	21	18	17	20	21	14	17	19	21
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	17	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 4.7 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full Moon.

Average daily cloudiness (0-10)

Actual sunshine, hours, 0.8

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 9

Prevailing direction S.

Total movement, 389

Average hourly velocity, 16.2

Maximum velocity, 28 Direction, W Time. Began 11:16 PM

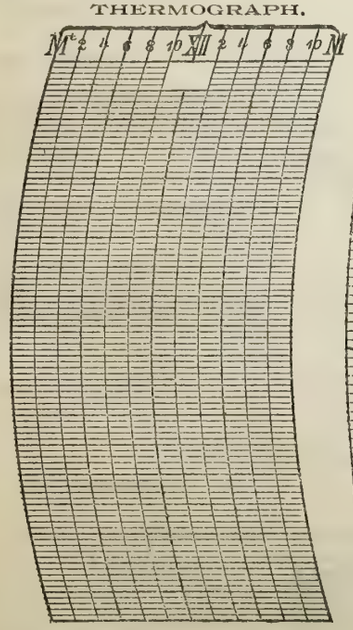
Extreme velocity, 29-W-11:16 PM.

Relative humidity, 82 a. m. 87 p. m.

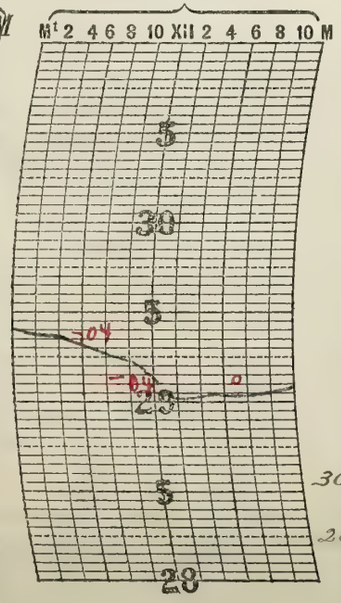
Reduced barometer, 30.17 a. m. 29.98 p. m.

River gage, 3.6 ft.

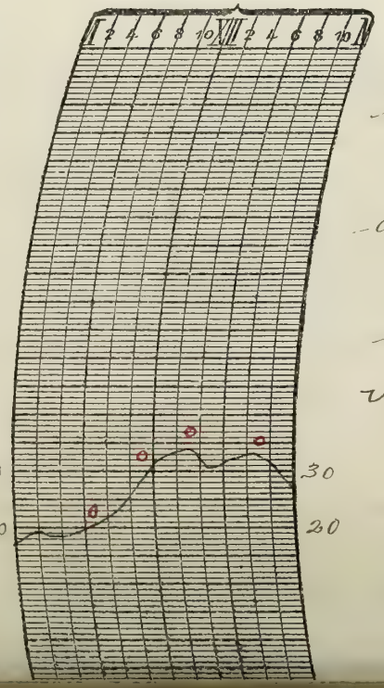
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A solar halo was observed from 10.30 A.M. to 12.00 M. size 22° circle.

Snow flurries occurred during the afternoon and evening.

Streets and walks in many places, covered with snow and ice.

Prepared by } J. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 2 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	24	23	22	23	23	23	21	20	23	21	23	23	24	24	23	23	20	18	17	16	15
State of weather: Nature of precipitation and time of beginning and ending															d SE 3.00									
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							0
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	W	SW	W	W	W	W	W	W	SW	W	N	NE	NE
Wind movement	19	17	17	16	18	15	14	15	12	14	14	13	14	16	12	10	7	7	6	5	5	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7.06; Character, Cloudy

Sunset: Time, 4.24; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

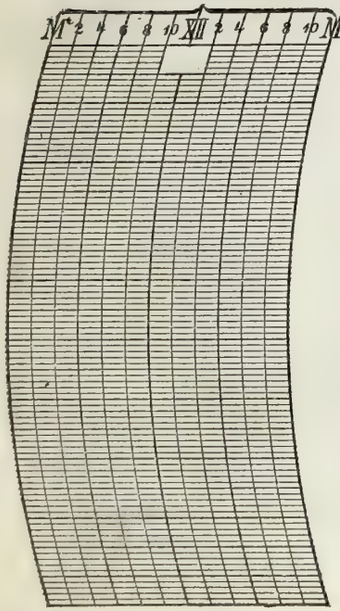
	Maximum.	Minimum.	Mean.	Normal.
Temperature	27	15	21	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 4.6 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 281
Average hourly velocity, 11.7

Maximum velocity,	Direction,	Time.
23	SW	Began 12.12 AM

Extreme velocity, 23 SW 12.12 AM
Relative humidity, 87 a. m. 82 p. m.
Reduced barometer, 30.21 a. m. 30.47 p. m.
River gage, 3.6 ft

THERMOGRAPH.



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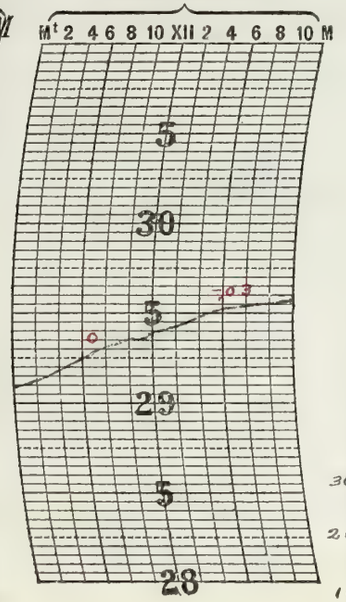
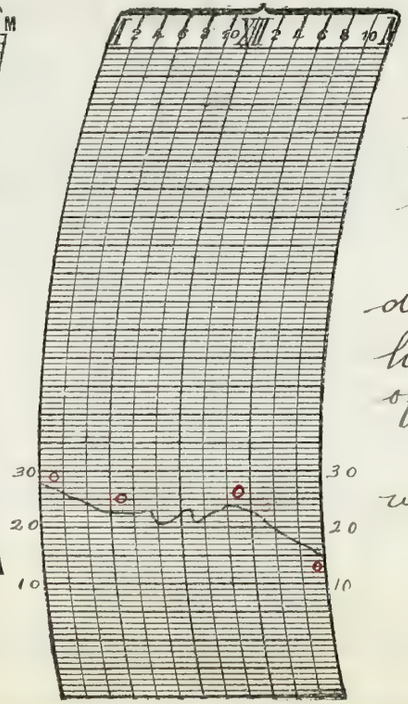


THERMOGRAPH.



NOTES

A cold wave warning was received with the morning forecast and disseminated with the morning forecast cards and the daily weather maps.

The cold wave warning was received at 8.50 A.M. when the cold wave flag was hoisted and displayed the remainder of the day.

Streets, and walks in many places, covered with snow and ice.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 3 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	12	9	9	9	10	11	12	15	17	19	22	25	25	25	25	25	24	25	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending																			SnB ?	SnB ?				
Amounts of precipitation																			T	T				
Cloudiness and other conditions					← Clear			×		Pt Cldy		×			Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time, 7.06 Character, Cloudy							0	0.2	0	0	0	0	0.9	0.2	0	0				Sunset: Time, 4.25 Character, Cloudy			
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	E	E	E	NE	E	E	E	SE	E	E
Wind movement	3	4	2	4	5	5	5	6	6	6	5	5	10	9	8	6	6	7	8	5	5	4	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	25	9	17	7

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 4.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 14

Prevailing direction E

Total movement, 130

Average hourly velocity, 5.4

Maximum velocity, 12 Direction, E Time. Began 12.00 M

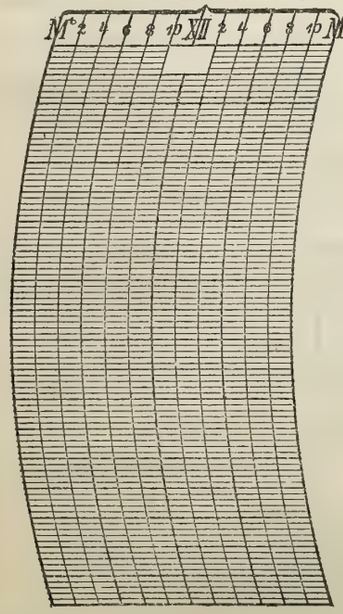
Extreme velocity, 12-E-12.00 M

Relative humidity, 76 a. m. 74 p. m.

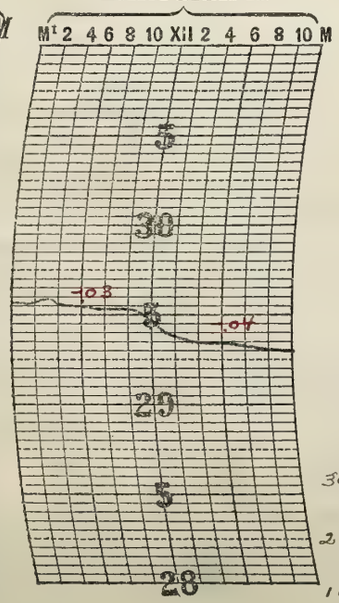
Reduced barometer, 30.47 a. m. 30.27 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



BAROGRAPH.



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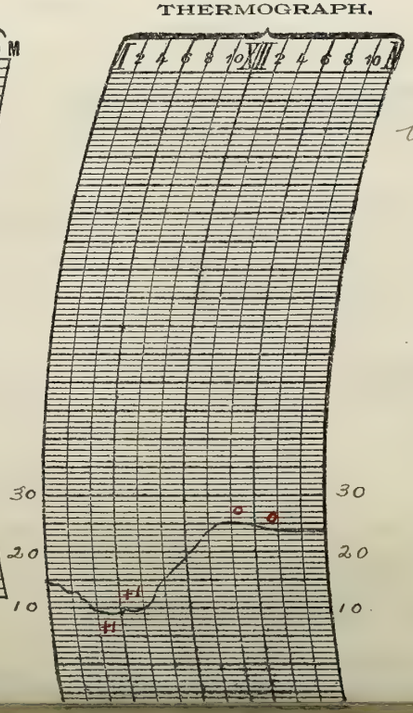


NOTES.

Streets, and walks in many places, covered with snow and ice.

Prepared by
Verified by } J. H. Collman.

Form No. 1012—Mo. 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 4 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	27	27	27	28	27	28	29	30	31	32	32	33	32	32	32	31	31	30	29	27	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, Character,	7.06 Cloudy																				Sunset: Time, Character, 4.26 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	SE	SW	SW	W	NW	N	N	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	3	2	2	1	2	4	5	3	4	2	3	5	7	7	7	7	7	9	10	10	8	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	24	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 4.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction SW.

Total movement, 133

Average hourly velocity, 5.6

Maximum velocity, 12 Direction, S Time. Began 11.18 PM.

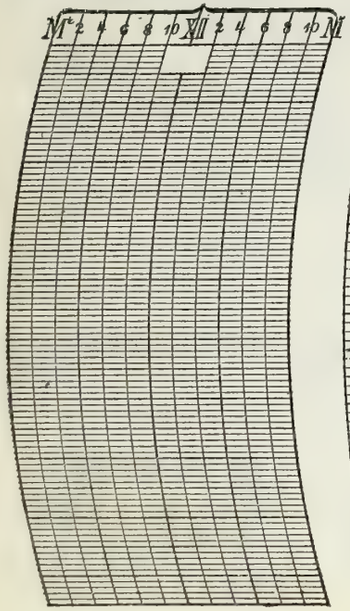
Extreme velocity, 12-S-11.18 PM.

Relative humidity, 81 a. m. 82 p. m.

Reduced barometer, 30.25 a. m. 30.27 p. m.

River gage, 3.2 ft.

THERMOGRAPH.



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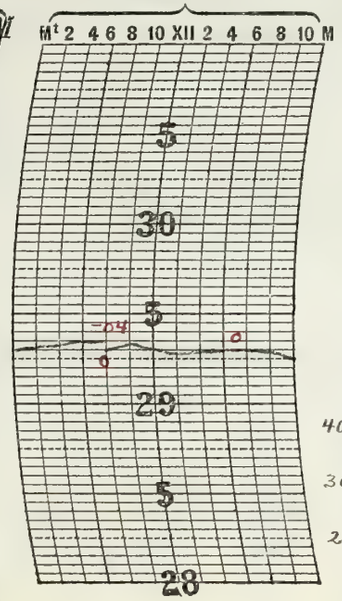
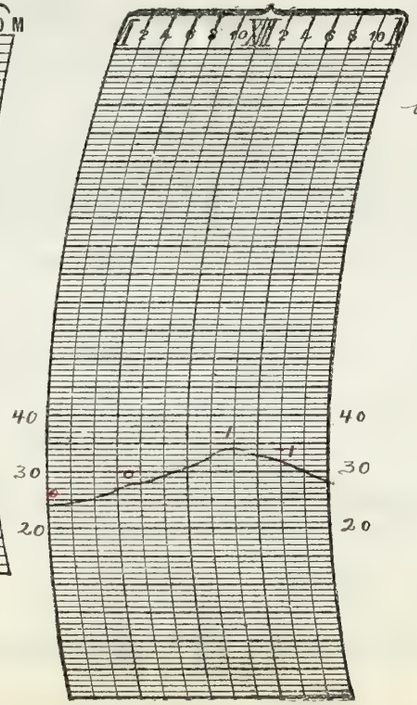


THERMOGRAPH.



NOTES

Streets, and walks in many places, covered with snow and ice.

Prepared by } H.T. Collman.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 5 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	26	25	24	23	22	21	24	30	36	40	40	41	40	39	39	38	39	39	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy		→ Foggy		← Pt Cldy			→ Pt Cldy			→	← Cloudy					→		
Sunrise: Time, Character,	7.06 Cloudy																				Sunset: Time, Character, 4.27 Cloudy			
Sunshine (in tenths of hours)								0	0	0.4	1.0	1.0	1.0	0.6	0.6	0	0							
Wind direction	S	SW	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE
Wind movement	11	9	12	9	8	7	5	6	6	5	7	8	10	13	11	9	10	10	9	8	8	11	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

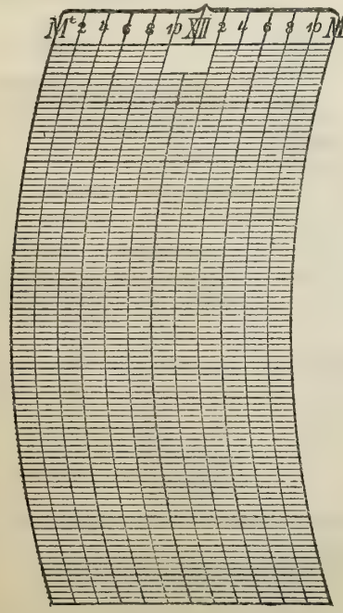
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

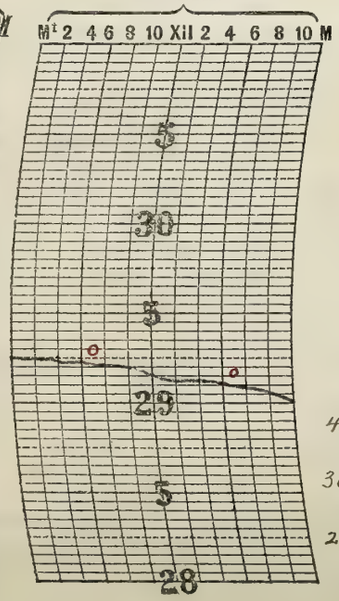
Maximum.	Minimum.	Mean.	Normal.
41	21	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 4.6
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 49
Prevailing direction S
Total movement, 210
Average hourly velocity, 8.8
Maximum velocity, 16 Direction, S Time. Began 2.43 AM
Extreme velocity, 16 - S - 2.44 AM
Relative humidity, 93 a. m. 72 p. m.
Reduced barometer, 30.18 a. m. 30.07 p. m.
River gage, 3.1 ft.

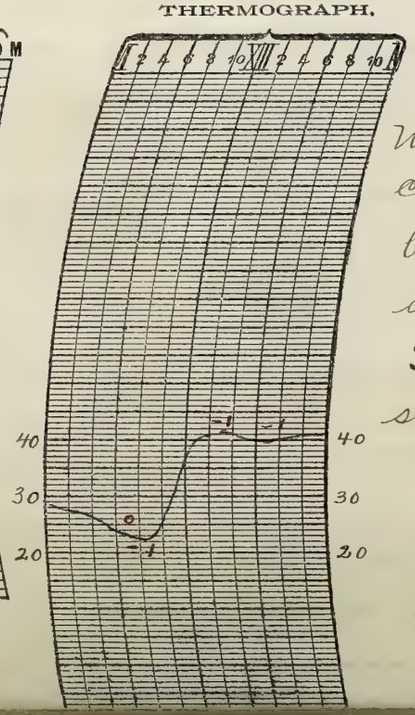
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light Fog which began during the early morning became dense at 7.10 A.M. and continued dense to 8.40 A.M. when the fog began to lift and became light fog and disappeared at 9.25 A.M.
Streets and walks slushy from melting snow and ice.

Prepared by } H.T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 6 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	40	40	40	38	39	40	40	40
State of weather: Nature of precipitation and time of beginning and ending							RB 6.10					
Amounts of precipitation							T	.04	.11	.07	.03	.01
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character,	7.06 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E
Wind movement	9	10	9	9	8	10	8	8	5	8	7	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	40	39	38	37	37	34	32	31
State of weather: Nature of precipitation and time of beginning and ending								RE 7.20				
Amounts of precipitation	T	.01	.05	.05	.01	.01	.04	T				
Cloudiness and other conditions					Cloudy →							
Sunset: Time, Character,									4.28 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	6	8	11	13	14	18	16	17	24	26	25
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9.48	31 SW 10.10	33 SW 11.33

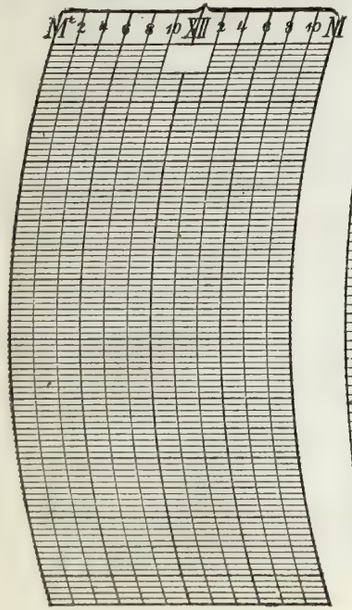
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

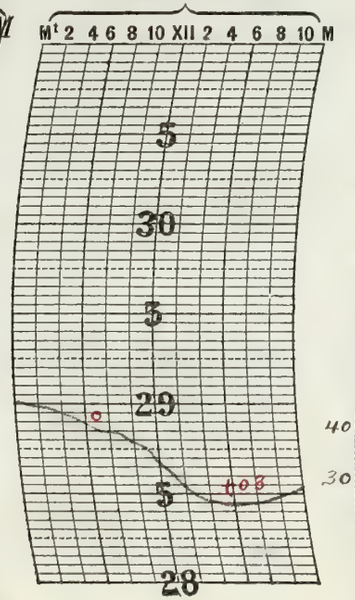
	Maximum.	Minimum.	Mean.	Normal.
	41	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .43 ins.
Total precipitation, midnight to midnight, .43 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction SE
Total movement, 279
Average hourly velocity, 11.6
Maximum velocity, 33 Direction, SW Time. Began 11.33 P.M.
Extreme velocity, 34 SW 11.35 PM
Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 29.77 a. m. 29.40 p. m.
River gage, 3.3 ft.

THERMOGRAPH.



BAROGRAPH.



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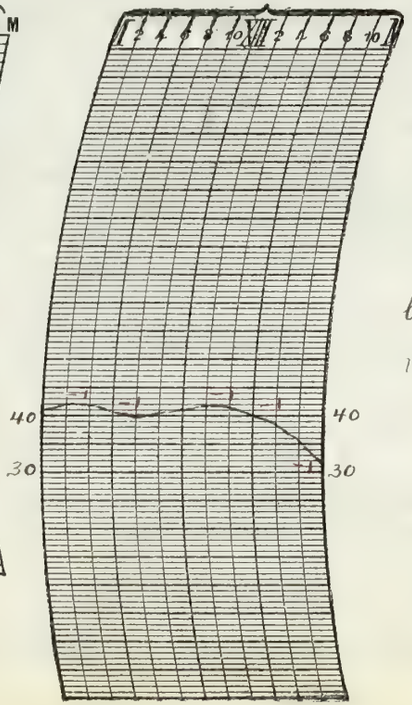


NOTES

The day is dark and gloomy with light rain.
Snow and ice melting rapidly.
The wind increased during the evening becoming strong and somewhat gusty by midnight.

Prepared by } H. T. Collins
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	29	30	31	28	26	28	28	30	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy →			Cloudy →			Pt Cldy →	
Sunrise: Time	7.06											
Sunrise: Character	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0.2	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	30	28	26	26	24	28	29	27	24	24	25	25
Maximum velocities (exceeding 7.0 miles) direction and time	36 SW 12.43	35 SW 1.12	32 SW 2.05	30 SW 3.46	30 SW 4.55	32 SW 5.36	32 SW 6.30	33 SW 7.25		32 SW 9.01	30 SW 10.30	31 SW 11.48

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	34	35	35	33	32	32	32	32	31	29	27
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear →			Pt Cldy →					
Sunset: Time									4.29			
Sunset: Character									Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8 (0.2 .48)	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	26	24	24	23	20	16	17	17	19	17	16	14
Maximum velocities (exceeding 7.0 miles) direction and time	30 SW 12.14	30 SW 1.50										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m. 0.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., Tr ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, ...

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 60

Prevailing direction SW

Total movement, 576

Average hourly velocity, 23.8

Maximum velocity,	Direction,	Time.
36	SW	Began 12.43 AM

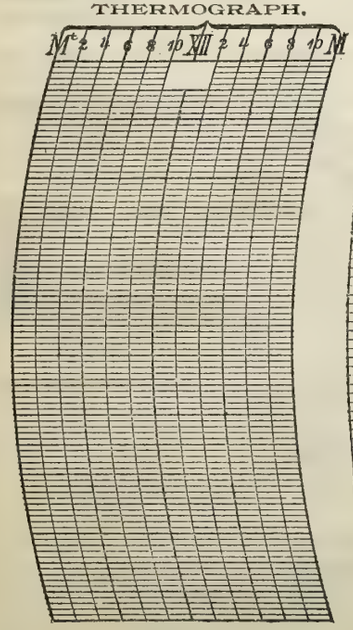
Extreme velocity, 37-SW-12.43 AM

Relative humidity, 72 a. m. 73 p. m.

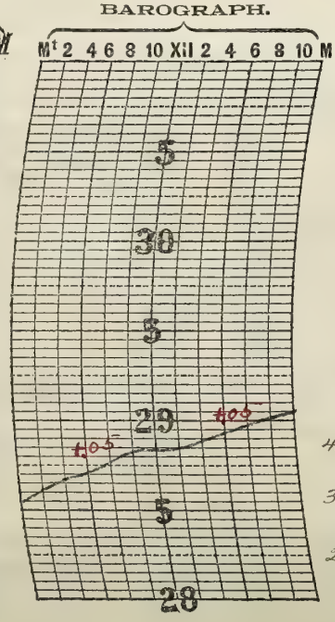
Reduced barometer, 29.74 a. m. 29.97 p. m.

River gage, 4.5 ft

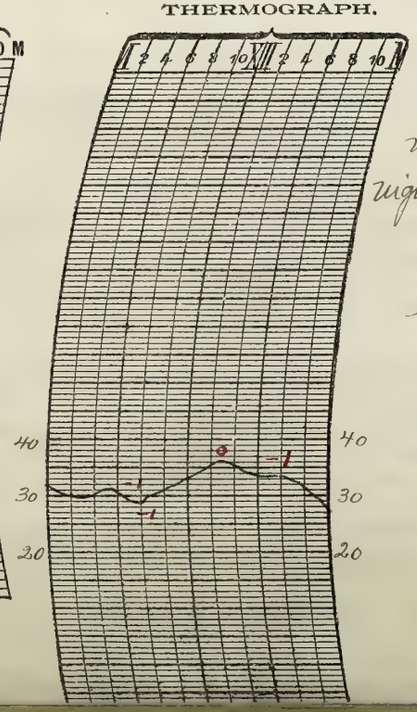
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

High winds prevailed during the early morning and the day diminishing somewhat by mid night. The winds were somewhat gusty.

Streets, and walks in many places, slippery from ice and snow.

Some thawing occurred during the day.

Prepared by } H.T. Collman.
Verified by }

Form No. 1012—M6 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	24	23	22	21	20	19	18	19	21	23	25	26	27	28	27	26	25	24	23	21	19	19	18
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←	Cloudy				→	Pt Cloudy			×	Clear				→			
Sunshine (in tenths of hours)								0	0	0	0	0	0.6	1.0	1.0	0.4 .50 0.6	0							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	12	11	7	8	8	8	8	8	8	6	6	9	8	6	6	5	6	6	5	6	6	5
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7.06 Character, Cloudy

Sunset: Time, 4.30 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	18	23	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy, Moon phase, Last Quarter

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 4.1

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 44

Prevailing direction SW.

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity, 17 Direction, W Time. Began 1.48 AM

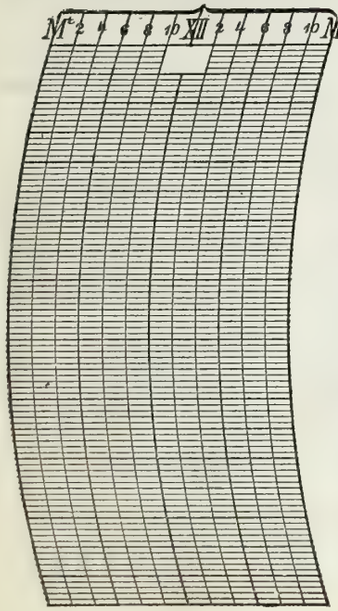
Extreme velocity, 18-W-1.50 AM

Relative humidity, 82 a. m. 68 p. m.

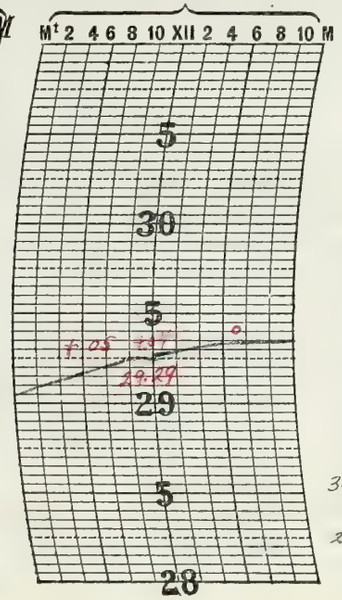
Reduced barometer, 30.21 a. m. 30.30 p. m.

River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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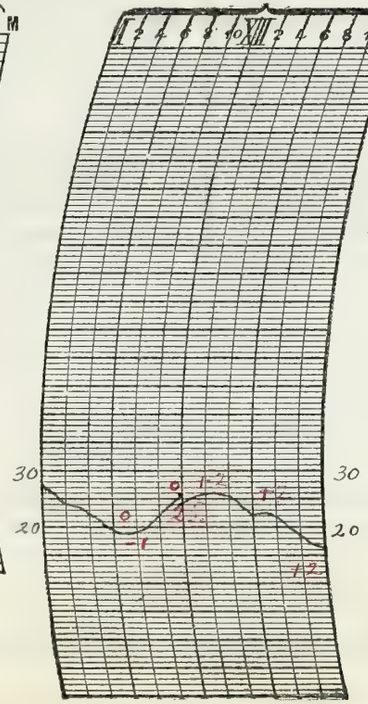


NOTES

Some thawing occurred during the afternoon.

Streets, and walks in many places, slippery from snow and ice.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 3 1910, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

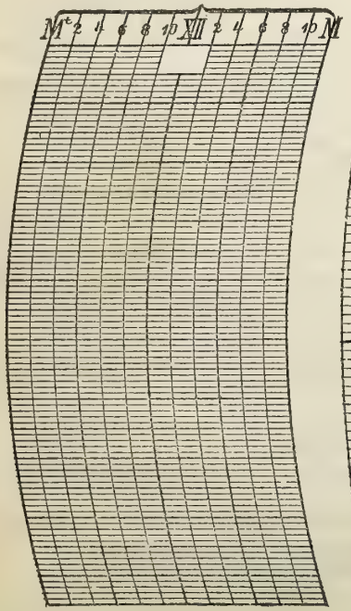
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	18	18	18	18	17	17	18	19	20	21	22	25	25	23	24	23	22	22	21	20	21	21
State of weather: Nature of precipitation and time of beginning and ending																									
Amounts of precipitation																									
Cloudiness and other conditions							←	Cloudy						Cloudy			→		Clear	→					
Sunrise: Time, 7.06 Character, Cloudy																					Sunset: Time, 4.31 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE
Wind movement	5	6	6	6	6	5	5	6	6	7	7	7	7	7	7	6	6	4	3	2	3	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

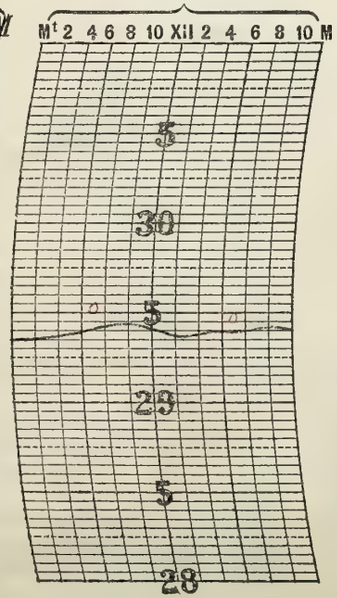
Maximum.	Minimum.	Mean.	Normal.
25	17	21	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction SW.
Total movement, 127
Average hourly velocity, 5.3
Maximum velocity, 11 Direction, SW Time, Began 9.29 AM
Extreme velocity, 11-SW-7.29 AM
Relative humidity, 76 a. m. 89 p. m.
Reduced barometer, 30.37 a. m. 30.36 p. m.
River gage, 4.4 ft.

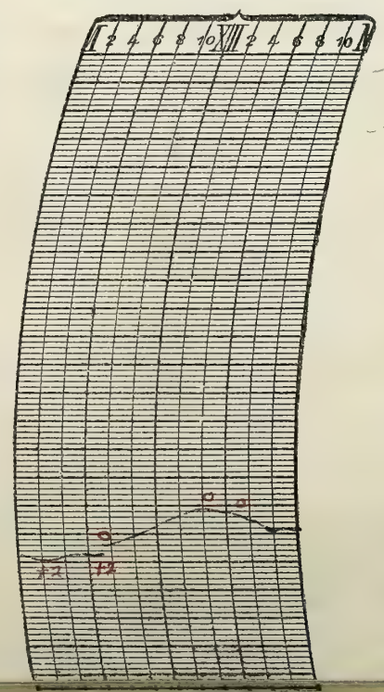
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Streets and walks in many places slippery from ice and snow.

Prepared by } H. T. Collman.
Verified by }

Verified by
Form No. 1012—Mot 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 10 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	17	15	14	17	16	18	18	19	25	34	39	41	42	43	42	41	40	38	38	37	37	37	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear	×	Cloudy					×	Cldy	×	Cloudy								
Sunrise: Time, Character,	7.06 Cloudy																				Sunset: Time, Character, 4.32 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.4	0.8	1.0	0.9	0.1	0	0							
Wind direction	SE	SE	SE	SE	E	E	E	E	E	E	SE	S	S	SW	S	S	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	2	2	3	3	2	2	2	2	1	1	3	4	7	6	4	5	4	3	6	7	7	6	7	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

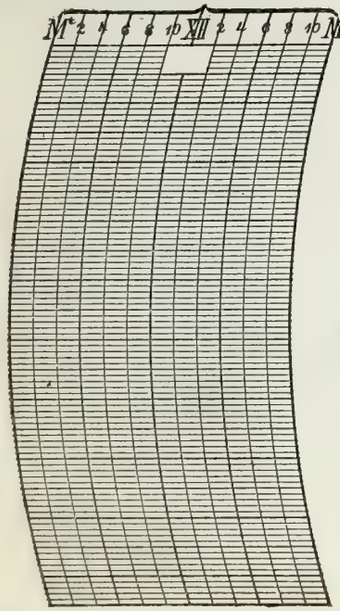
Maximum.	Minimum.	Mean.	Normal.
43	14	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.2
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 34
Prevailing direction SE
Total movement, 93
Average hourly velocity, 3.9

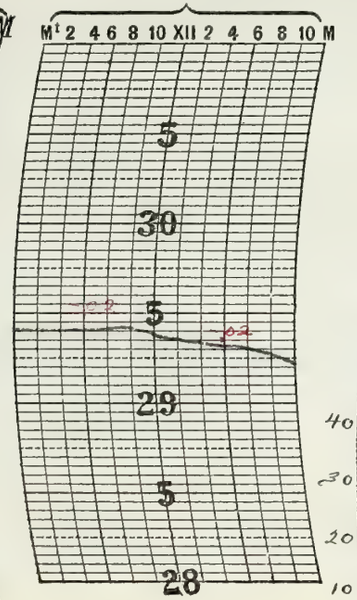
Maximum velocity,	Direction,	Time.
10	SE	Began 8.03 PM.

Extreme velocity, 10-SE-8.03 PM
Relative humidity, 90 a. m. 74 p. m.
Reduced barometer, 30.36 a. m. 30.24 p. m.
River gage, 4.1 ft.

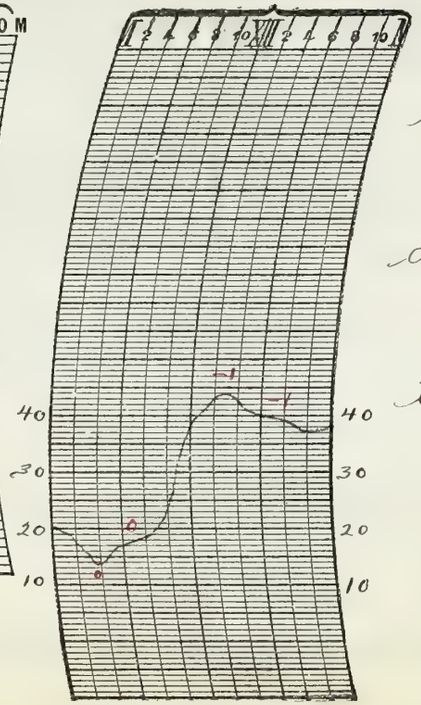
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Streets and walks in many places slippery from snow and ice

Snow and ice melting quite rapidly during the day.

A solar halo was observed from 11.00 A.M. to 1.00 P.M. Size 22° circle

Prepared by
Verified by } S. F. T. Coellman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 11 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	37	37	37	37	37	37	38	38	37	37
State of weather: Nature of precipitation and time of beginning and ending								m SB 7.05				
Amounts of precipitation								--	--	--	--	--
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7.05 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	S	SW	SW	S	S	SW	W
Wind movement	8	8	7	7	7	4	4	4	5	4	4	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	36	36	35	35	34	34	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending									m SE 8.20			
Amounts of precipitation	--	--	--	--	--	--	--	--	--			
Cloudiness and other conditions				Cloudy								
Sunset: Time, 4.33 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							0
Wind direction	SW	SW	W	NW	NW	N	N	N	N	N	N	N
Wind movement	5	5	4	4	4	5	7	7	7	7	8	9
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 137

Average hourly velocity, 5.7

Maximum velocity, 12 Direction, N Time. Began 10.51 PM

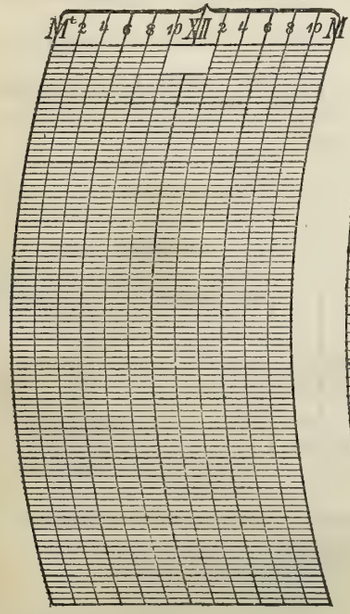
Extreme velocity, 12 N-10-51 PM

Relative humidity, 80 a. m. 100 p. m.

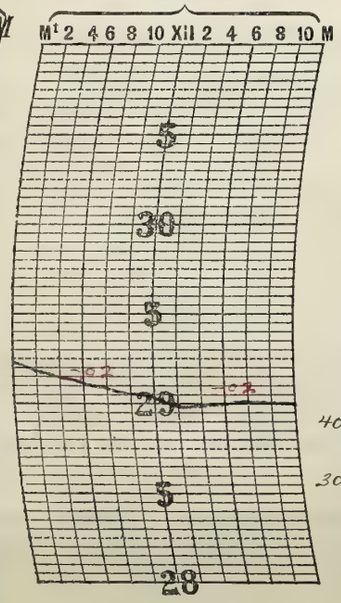
Reduced barometer, 30.00 a. m. 29.93 p. m.

River gage, 4.5 ft.

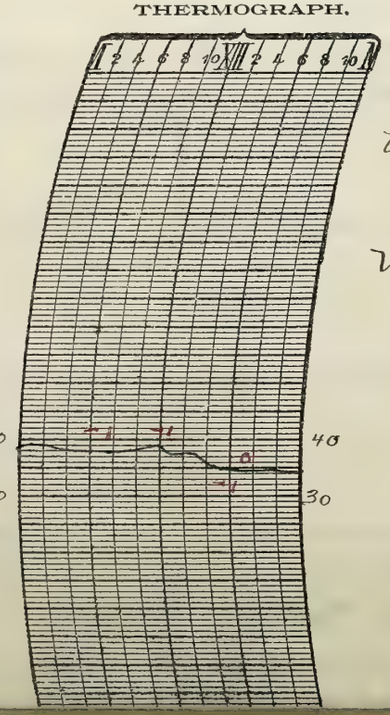
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was rather dark and gloomy with light moist snow.
Streets and walks slushy from melting snow and ice.

Prepared by } H. T. Collman.
Verified by }

Verified by
Form No. 1013—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 12 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	34	34	34	34	34	34	33	32	32	32	32	32	32	31	31	30	29	29	28	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunshine (in tenths of hours)								0	0	0	0	0	0.2	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	N	NW
Wind movement	9	10	11	12	10	10	11	9	9	10	13	11	15	15	11	9	10	10	9	8	6	6	6	5
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 7.05 Character, Cloudy

Sunset: Time, 4.34 Character, Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

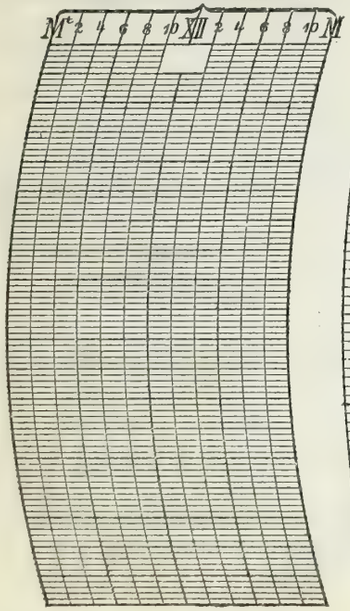
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	26	30	

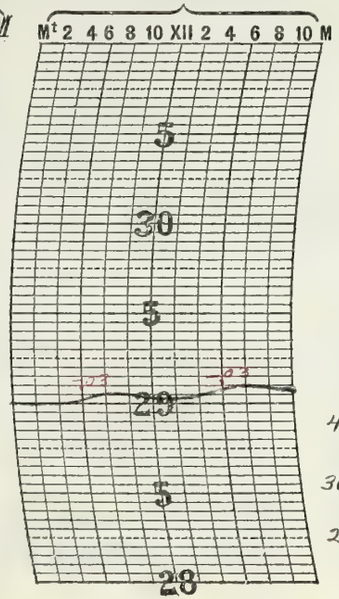
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 2
Prevailing direction N.
Total movement, 235
Average hourly velocity, 9.8

Maximum velocity, 17 Direction, NW Time. Began 1.26 PM
Extreme velocity, 17-NW-1.26 PM
Relative humidity, 85 a. m. 73 p. m.
Reduced barometer, 29.94 a. m. 30.01 p. m.
River gage, 4.7 ft.

THERMOGRAPH.



BAROGRAPH.



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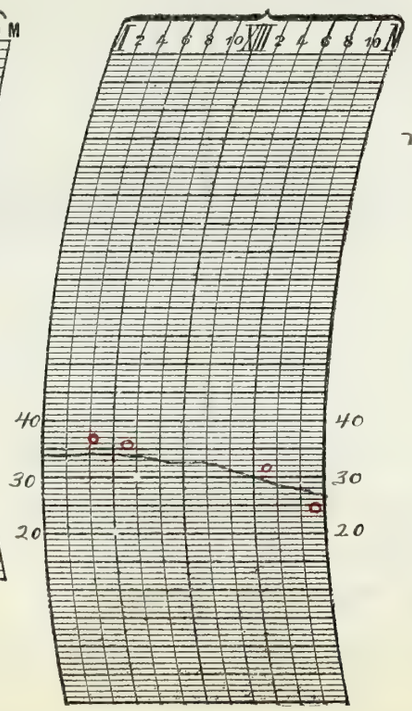


NOTES.

Streets and walks slushy from melting snow and ice.

Prepared by
Verified by } H.T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 13 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

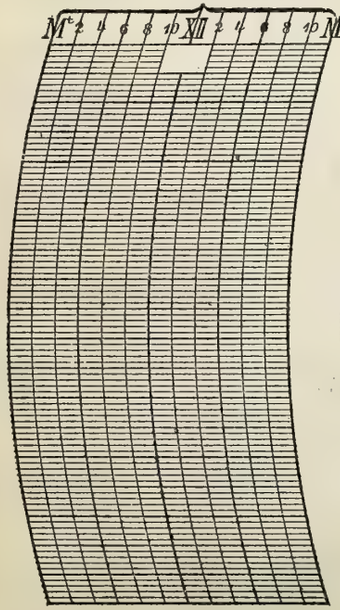
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	25	24	23	24	24	27	29	32	36	37	40	39	39	38	37	36	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			St Cloudy			×			Cloudy					→				
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.35 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0.4	0.9	1.0	1.0	1.0	0.5	0	0							
Wind direction	NW	NW	W	W	S	S	S	S	S	S	S	S	S	SE	SE	S	S	S	S	S	S	S	S	S
Wind movement	3	3	3	3	4	4	6	7	9	13	13	16	14	14	14	13	12	13	12	13	10	11	12	14
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

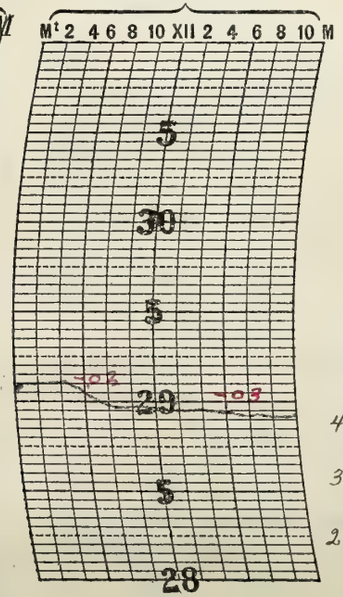
	Maximum.	Minimum.	Mean.	Normal.
	40	23	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 4.8
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 51
Prevailing direction S
Total movement, 236
Average hourly velocity, 9.8
Maximum velocity, 21 Direction, S Time. Began 11.23 AM
Extreme velocity, 23 S - 11.25 AM
Relative humidity, 77 a. m. 72 p. m.
Reduced barometer, 30.04 a. m. 29.87 p. m.
River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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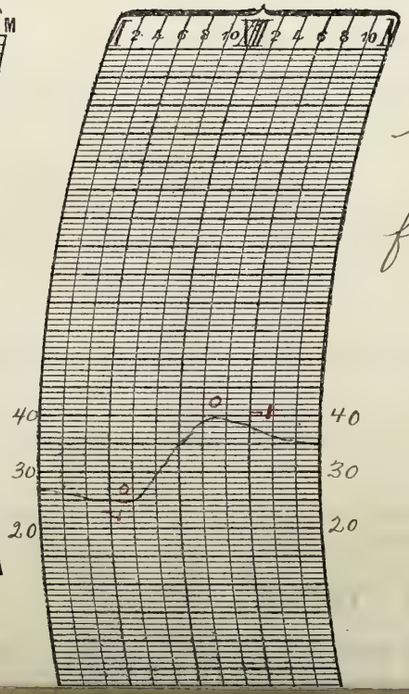


NOTES.

Streets slushy from melting snow and ice.
Walks in the business section of the city free from snow and ice.
Ci + a. St. Clouds during the day

Prepared by
Verified by } H. J. Collman

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 1 - 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	33	33	32	32	34	36	37	39	42	41	41	41	41	39	37	35	33	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Cloudy					Cloudy			×		Clear			→		
Sunrise: Time, 7.04 Character, Cloudy																					Sunset: Time, 4.36 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0.5	0.8	1.0	0.9	0	0	0	0							
Wind direction	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	11	10	10	10	9	9	10	11	11	12	10	10	9	8	7	8	7	9	8	9	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

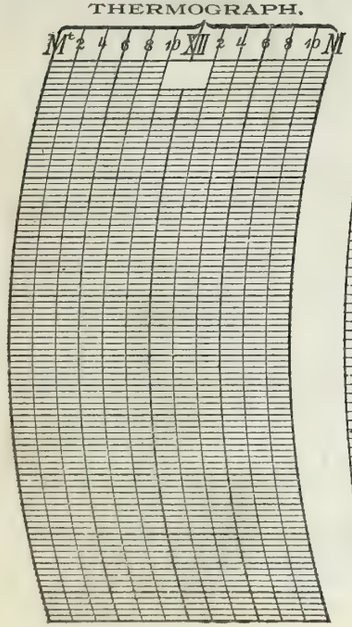
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

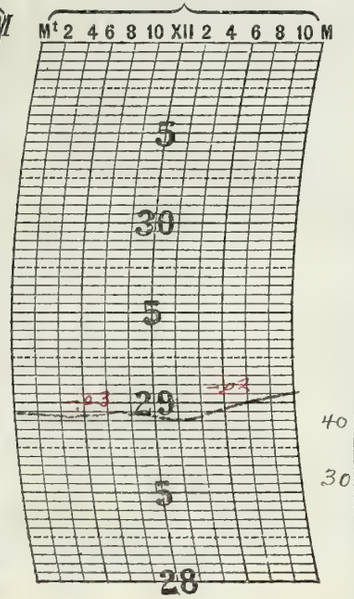
	Maximum.	Minimum.	Mean.	Normal.
	42	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.2
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 34
Prevailing direction SW.
Total movement, 225
Average hourly velocity, 9.4
Maximum velocity, 14 Direction, SW Time. Began 11.12 AM.
Extreme velocity, 14-SW-11.12 AM.
Relative humidity, 75 a. m. 79 p. m.
Reduced barometer, 29.85 a. m. 29.92 p. m.
River gage, 4.3 ft.

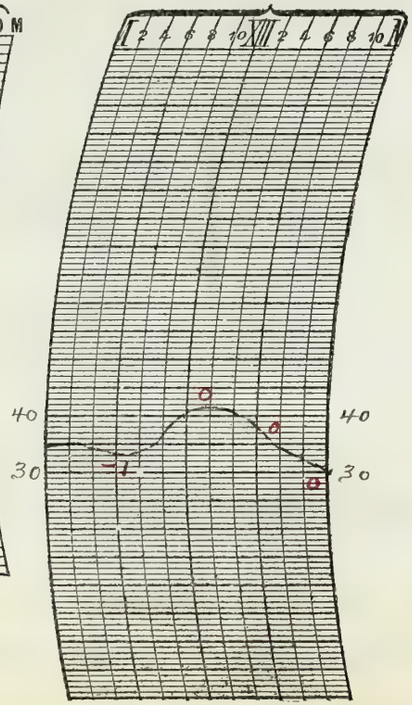
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci + Ci. St clouds were observed during the day.

Streets slushy from melting snow and ice.

Prepared by } J. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 26 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

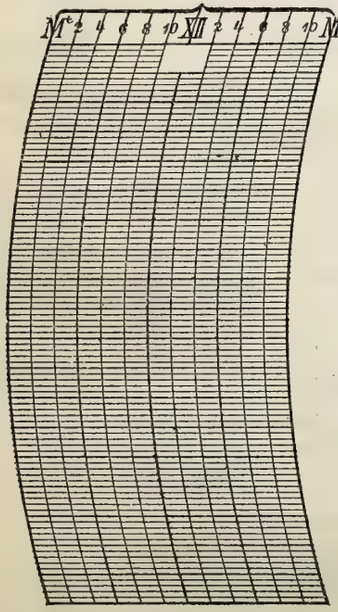
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	28	28	27	28	27	30	30	35	37	38	41	41	40	40	38	36	36	35	33	32	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear			×	Pt Cldy			×	Clear		× Cloudy			×	Clear		→			
Sunrise: Time, 7.04 Character, Cloudy																					Sunset: Time, 4.37 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.4	1.0	1.0	1.0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	E	E	E	E	E	E	E	E	SE	E	E	E	E
Wind movement	8	8	7	5	5	2	4	4	3	1	4	3	6	7	6	6	8	7	7	7	6	7	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

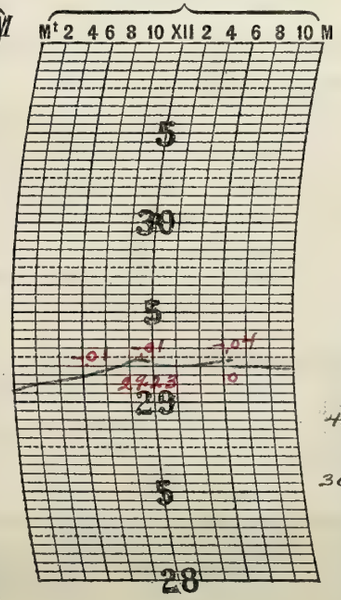
Maximum.	Minimum.	Mean.	Normal.
41	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, New Moon
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.4
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 35
Prevailing direction E
Total movement, 138
Average hourly velocity, 5.8
Maximum velocity, 11 Direction, E Time. Began 11.54 P.M.
Extreme velocity, 11-E-11.54 P.M.
Relative humidity, 93 a. m. 82 p. m.
Reduced barometer, 30.10 a. m. 30.15 p. m.
River gage, 4.2 ft

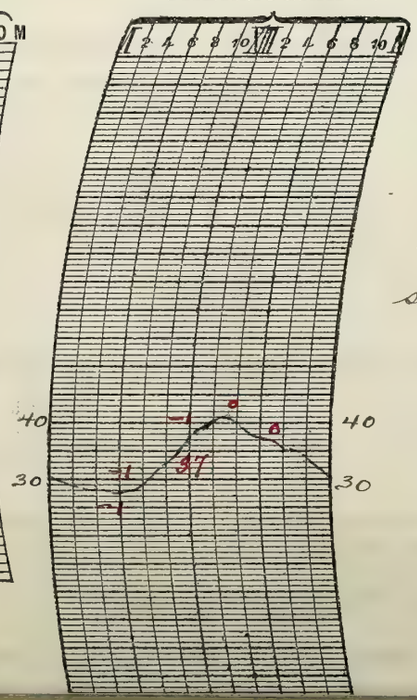
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light Fog { B 7.00 A.M. E 9.30 A.M.

Walks slippery in the morning.
Streets slushy in the afternoon from melting snow and ice.

Prepared by } H. T. Collman.
Verified by }

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 16 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	29	29	31	32	33	35	40	41	41	41	43	43	43	45	45	47	48	48	48	49
State of weather: Nature of precipitation and time of beginning and ending													RB 12.55							RE 7.20				
Amounts of precipitation													T	.05	.01	.15	.04	T	.01	T				
Cloudiness and other conditions						←			Cloudy							Cloudy								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	9	11	11	9	9	11	9	10	11	7	7	7	8	8	8	10	15	15	19	19	15	17	19	24
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7.04 Character, Cloudy

Sunset: Time, 4.39 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction SE

Total movement, 288

Average hourly velocity, 12.0

Maximum velocity, 28 Direction, SW Time. Began 11.54 PM

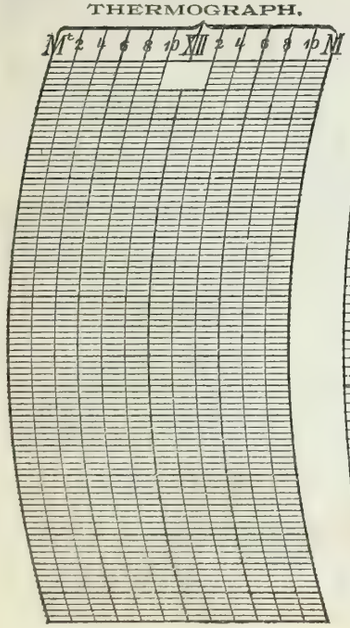
Extreme velocity, 29-SW-11.55 PM

Relative humidity, 91 a. m. 100 p. m.

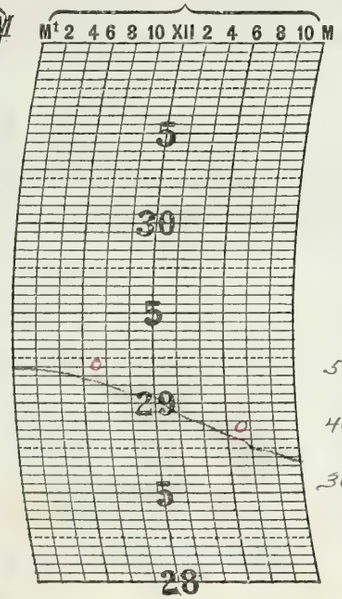
Reduced barometer, 30.05 a. m. 29.71 p. m.

River gage, 4.1 ft.

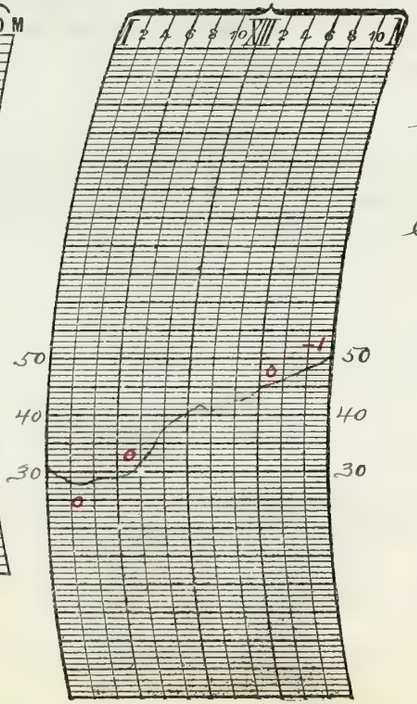
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets slushy from melting snow and ice.

The wind increased in velocity during the evening becoming strong by midnight.

Prepared by } H. T. Collman.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 2 1916, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	44	42	39	34	32	30	30	30	29	29	29	29	28	28	28	27	29	30	31	30	29	27	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, Character	7.03 Cloudy																				Sunset: Time, Character	4.40 Cloudy		
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	20	18	21	20	22	23	26	19	19	19	20	21	20	20	17	12	11	9	8	8	7	7	6	8
Maximum velocities (exceeding 29 miles) direction and time							33 SW 6.22																	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	28	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 381

Average hourly velocity, 15.9

Maximum velocity, 33 Direction, SW Began 6.22 AM

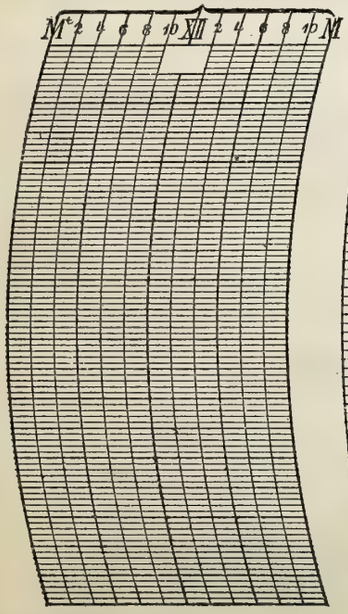
Extreme velocity, 36 - SW - 6.23 A.M.

Relative humidity, 72 a. m. 73 p. m.

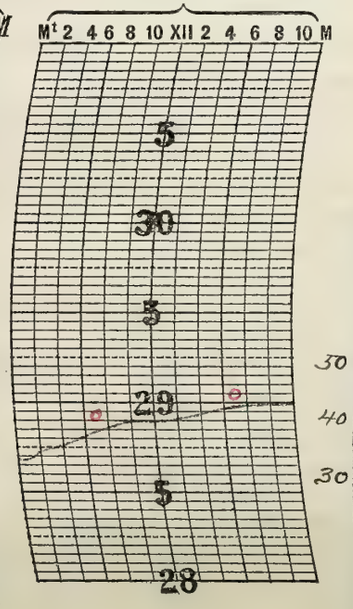
Reduced barometer, 29.80 a. m. 29.92 p. m.

River gage, 6.8 ft.

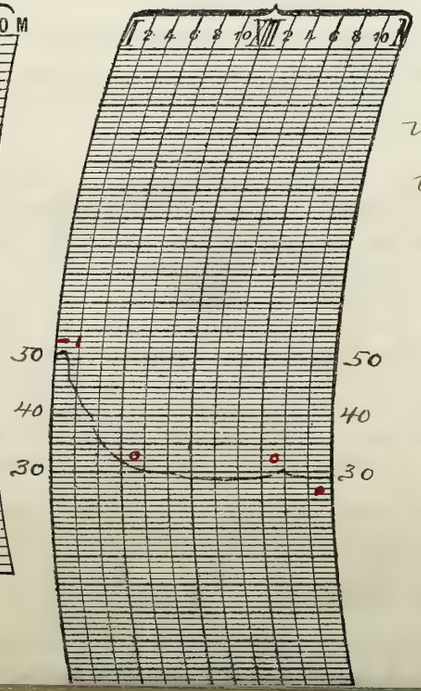
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Strong winds prevailed during the early morning and forenoon decreasing to moderate by 3.00 P.M.
The day was chilly.

Prepared by } H. T. Collman.
Verified by }

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 1 3 95, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	25	26	27	27	27	26	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7.03 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	NW	NW	NW	N	NE	N	N	N	N	NE	N
Wind movement	6	5	8	7	6	7	5	6	5	7	9	8
Maximum velocities (exceeding 24 miles) direction and time 1												

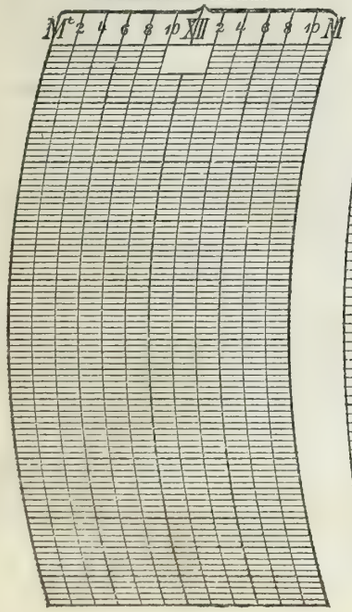
	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	25	25	26	26	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending				d SB 3.45								
Amounts of precipitation				--	--	--	--	--	--	--	--	--
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.41 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	NE	N	N	N	N	N	NW	NW	W	NW	NW
Wind movement	11	12	12	12	13	15	8	7	8	9	9	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

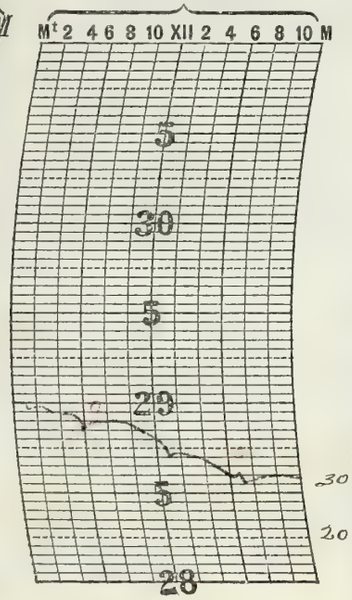
	Maximum.	Minimum.	Mean.	Normal.
	28	25	26	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow on ground 7 p. m., 0.9 inches.
Total snowfall, midnight to midnight, 5.2+ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .30+ inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 0
Prevailing direction N
Total movement, 205
Average hourly velocity, 8.6
Maximum velocity, 19 Direction, N Time. Began 5.33 P.M.
Extreme velocity, 20-N-5.33 P.M.
Relative humidity, 78 a. m. 95 p. m.
Reduced barometer, 29.84 a. m. 29.54 p. m.
River gage, 8.2 ft.

THERMOGRAPH.



BAROGRAPH.



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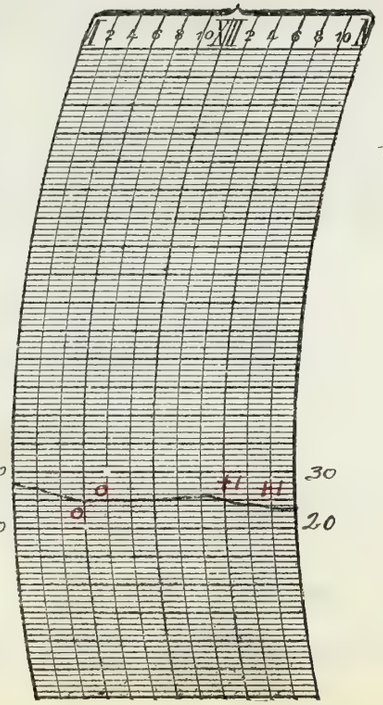


+ Estimated.

NOTES.

Heavy dry snow fell from 6.00 P.M. to 10.00 P.M. making walking on the streets difficult.

Prepared by
Verified by } J. H. T. Collinson

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN. 2 - 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	24	24	22	19	18	18	19	21	24	26	26	26	26	25	25	25	25	25	25	26	26
	SE 12 N												S 13 12.15											
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	--												--	--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 7.02 Character, Cloudy																					Sunset: Time, 4.42 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.1	0.3	0.4	0.3	0	0	0							
Wind direction	NW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	SE	S	S	S
Wind movement	8	9	8	9	10	10	9	9	10	11	13	12	14	10	7	7	5	4	5	6	6	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

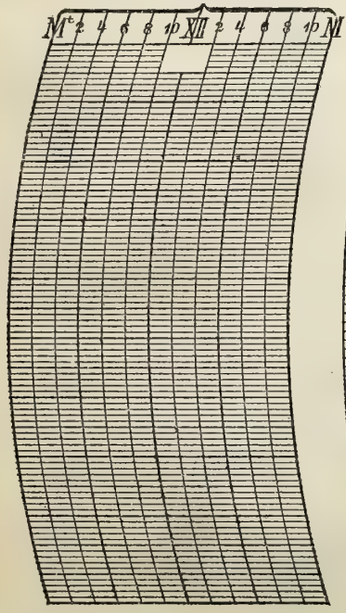
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

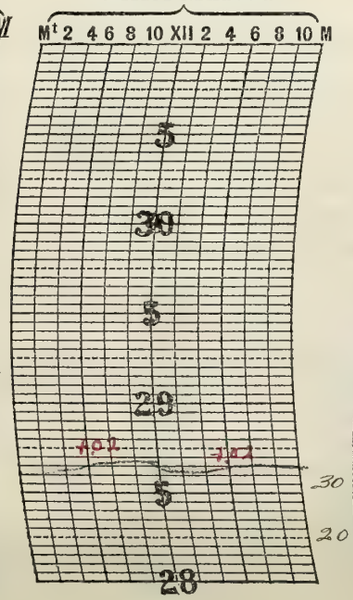
Maximum.	Minimum.	Mean.	Normal.
26	18	22	

Total depth of snow for 24 hours ending 7 p. m., 4.6 inches.
Snow on ground 7 p. m., 4.9 inches.
Total snowfall, midnight to midnight, 1.0+ inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, .07+ inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 1.1
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 11
Prevailing direction SW
Total movement, 199
Average hourly velocity, 8.3
Maximum velocity, 17 Direction, SW Time. Began 12.16 P.M.
Extreme velocity, 18 SW - 12.16 P.M.
Relative humidity, 85 a. m. 94 p. m.
Reduced barometer, 29.64 a. m. 29.63 p. m.
River gage, 7.6 ft.

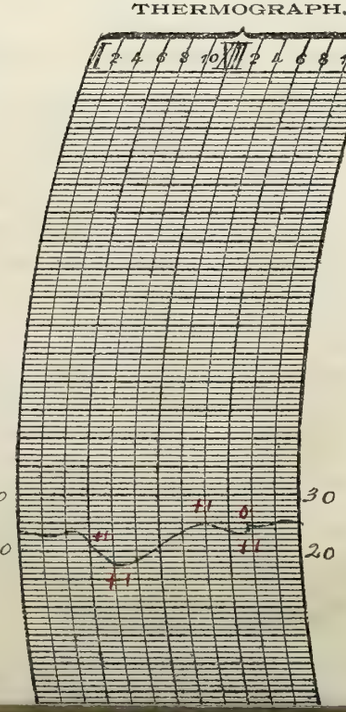
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH. +Estimated.



NOTES.

Light dry snow fell during the afternoon and evening.

Streets and walks covered with dry snow but causing little trouble to traffic.

Prepared by
Verified by } H. T. Collman.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 2 [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	24	24	25	22	23	23	24	24	25	26	27	28	29	29	28	27	26	25	25	24	23	23	21
State of weather: Nature of precipitation and time of beginning and ending																	d SE 4.50							
Amounts of precipitation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
Cloudiness and other conditions								Cloudy							Cloudy									
Sunshine (in tenths of hours)								0	0	0	0.8	1.0	0.7	0	0	0	0							
Wind direction	S	SE	SE	S	NE	NE	NE	NE	NE	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	N	N
Wind movement	3	3	3	1	3	2	3	2	3	3	5	6	7	5	7	5	5	5	3	5	3	5	4	4
Maximum velocities (exceeding ---- miles) direction and time																								

Sunrise: Time, 7.01; Character, Cloudy

Sunset: Time, 4.43; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

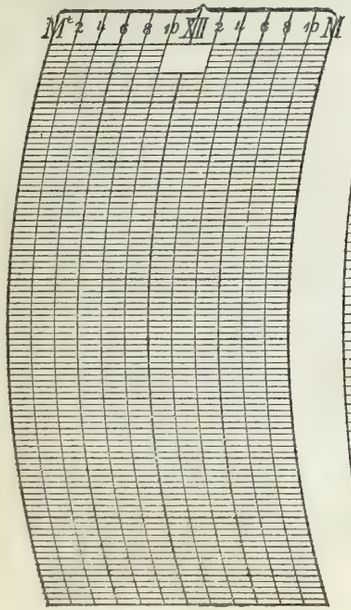
	Maximum.	Minimum.	Mean.	Normal.
	29	21	25	

Total depth of snow for 24 hours ending 7 p. m., 1.6 inches.
Snow on ground 7 p. m., 6.4 inches.
Total snowfall, midnight to midnight, 1.2+ inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, 0.8+ inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 2.5
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 26
Prevailing direction NW
Total movement, 95
Average hourly velocity, 4.0

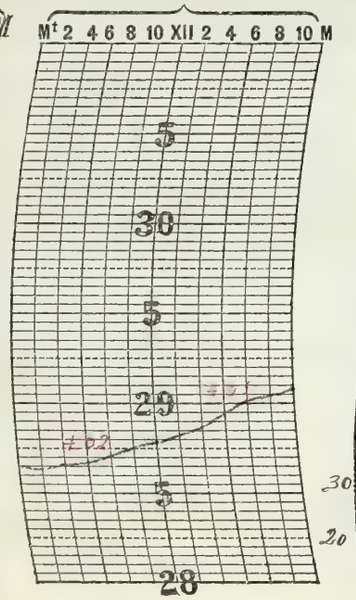
Maximum velocity,	Direction,	Time.
8	SW	Began 2.17 P.M.

Extreme velocity, 8-SW-2.17 P.M.
Relative humidity, 92 a. m. 87 p. m.
Reduced barometer, 29.67 a. m. 29.97 p. m.
River gage, 6.7 ft

THERMOGRAPH.



BAROGRAPH.



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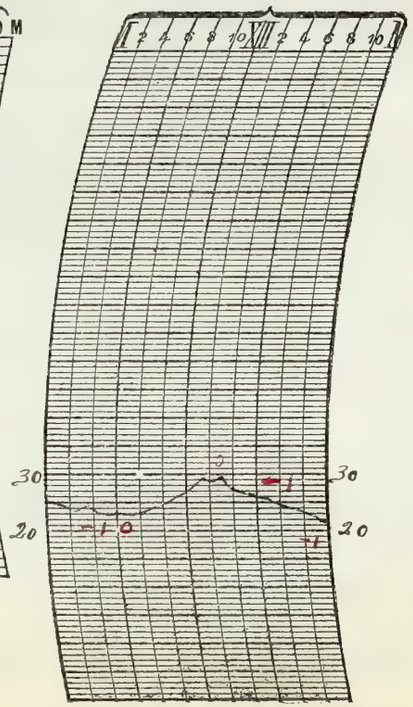


+ Estimated.

NOTES.

Light dry snow fell during the early morning and the day.

Streets and walks covered with dry snow.

Prepared by } H. H. Collman.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JAN 21 1910

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	20	18	19	17	14	17	20	21
	S d B DN				S d E DN							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	--	--	--	--	--							
Cloudiness and other conditions							Cloudy		×	Pt Cldy		
Sunrise: Time, Character,	7.01 Cloudy											
Sunshine (in tenths of hours)								0	0.1	1.0	1.0	1.0
Wind direction	N	N	N	N	W	SW	SW	SW	SW	SW	W	W
Wind movement	3	3	3	4	4	5	10	11	12	13	15	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	22	22	21	20	19	18	18	18	18
	S d B 12.15				S d E 4.10							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	--	--	--	--	--							
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									4.44 Cloudy			
Sunshine (in tenths of hours)	0.6	0.1	0	0	0							
Wind direction	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	11	12	10	10	8	7	6	6	5	3	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

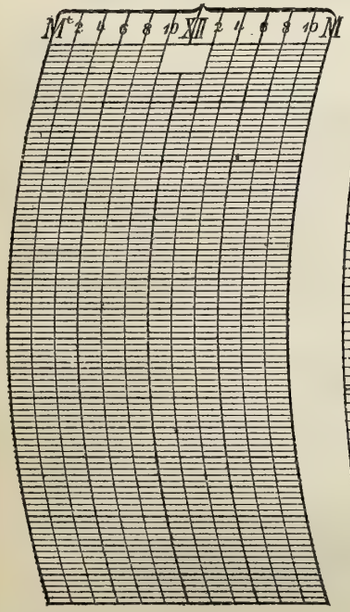
Maximum.	Minimum.	Mean.	Normal.
23	14	18	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow on ground 7 p. m., 6.6 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 3.8
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 39
Prevailing direction SW
Total movement, 190
Average hourly velocity, 7.9

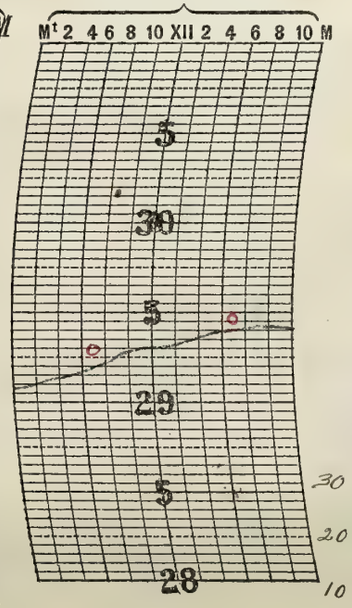
Maximum velocity,	Direction,	Time.
19	W	Began 10.40 A.M.

Extreme velocity, 19-W-10.42 A.M.
Relative humidity, 82 a. m. 79 p. m.
Reduced barometer, 30.17 a. m. 30.36 p. m.
River gage, 6.0 ft.

THERMOGRAPH.



BAROGRAPH.



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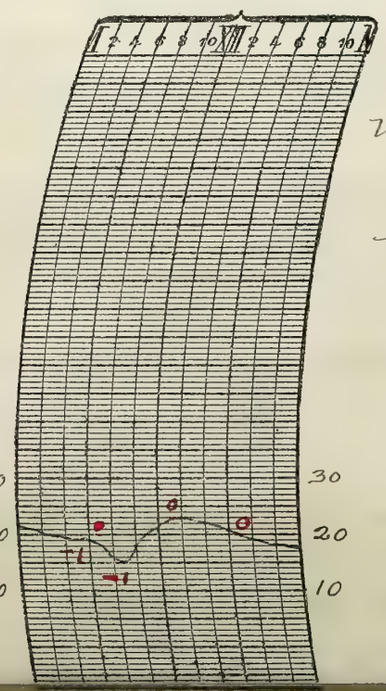


NOTES.

Light dry snow fell during the early morning and the afternoon.
Streets and walks covered with dry snow making walking difficult.

Prepared by } H.T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	16	15	15	14	15	15	16	16	17	17
Nature of precipitation and time of beginning and ending		d SB DN										
Amounts of precipitation		--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7.00 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	SE	SE	E	E	E	E	E	E	E	NE
Wind movement	3	2	5	3	7	9	10	11	12	11	13	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	17	17	18	18	17	17	18	18	18
Nature of precipitation and time of beginning and ending											d SE 10.20	
Amounts of precipitation	--	--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.46 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	W
Wind movement	17	14	16	16	16	15	12	12	9	6	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	Maximum.	Minimum.	Mean.	Normal.
Temperature	18	14	16	

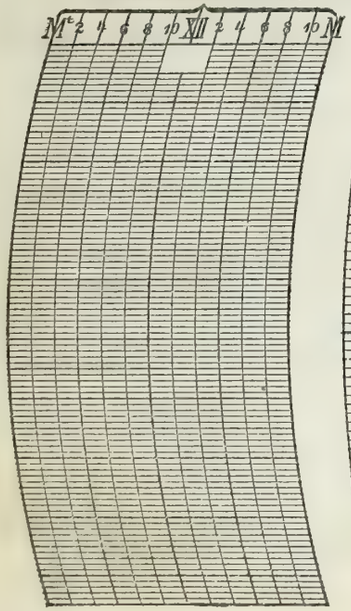
Total depth of snow for 24 hours ending 7 p. m., 6.7 inches.
Snow on ground 7 p. m., 11.2 inches.
Total snowfall, midnight to midnight, 7.2 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .38 ins.
Total precipitation, midnight to midnight, .51 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 246
Average hourly velocity, 10.2

Maximum velocity,	Direction,	Time.
19	NE	Began 12.13 P.M.

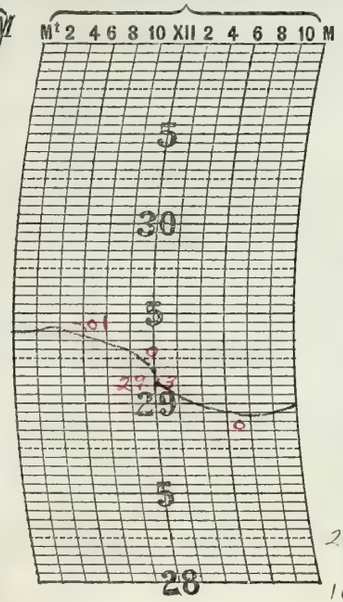
Extreme velocity, 20-NE-12.16 P.M.
Relative humidity, 93 a. m. 90 p. m.
Reduced barometer, 30.32 a. m. 29.92 p. m.
River gage, 5.5 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

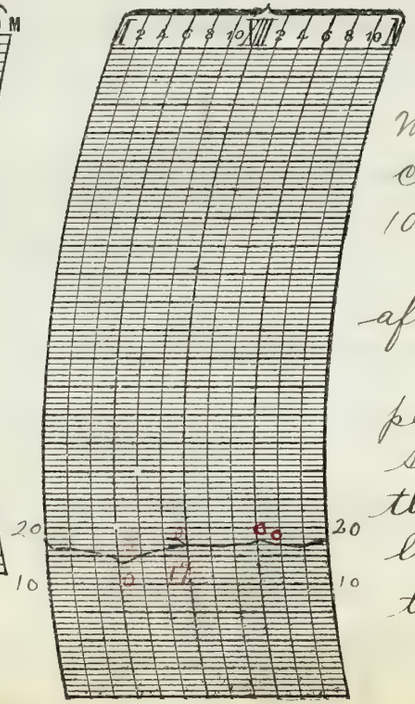
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dry snow began falling during the early morning becoming heavy at 6.00 A.M. and continued heavy till 6.00 P.M. and ended at 10.20 P.M.

The snow drifted slightly during the afternoon.

The deep snow caused some difficulty to pedestrians and street traffic but the steam and electric traction companies, except the L. E. & W. R.R., telegraph and telephone lines did not experience much difficulty by the deep snow.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) _____, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	15	13	14	15	16	15	11	10	9	10	10
State of weather: Nature of precipitation and time of beginning and ending								d SB 7.05				SE 11.10
Amounts of precipitation								T	T	T	T	T
Cloudiness and other conditions						Cloudy				Pt Cloudy		
Sunrise: Time, 6.59 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0.5	1.0	0.7	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	10	9	11	11	11	16	16	15	14	15	14	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	11	9	6	4	3	1	0	-1	-1	-2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, 4.47 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	.78 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	16	17	15	13	12	11	10	10	8	7	7
Maximum velocities (exceeding _____ miles) direction and time												

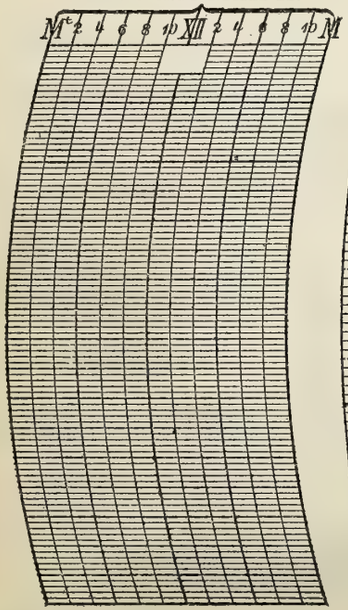
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

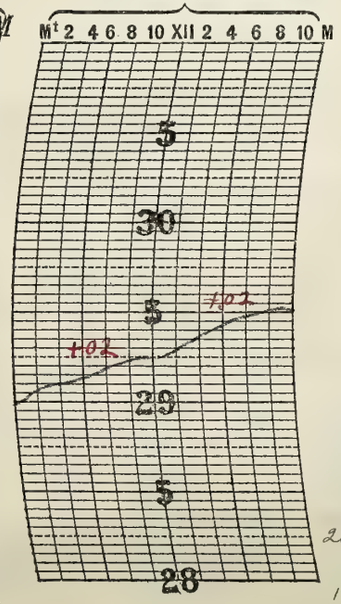
Maximum.	Minimum.	Mean.	Normal.
18	-2	8	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow on ground 7 p. m., 10.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.0
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 82
Prevailing direction SW
Total movement, 301
Average hourly velocity, 12.6
Maximum velocity, 21 Direction, SW Began 2.26 P.M.
Extreme velocity, 21 SW 2.26 P.M.
Relative humidity, 87 a. m. 72 p. m.
Reduced barometer, 30.17 a. m. 30.47 p. m.
River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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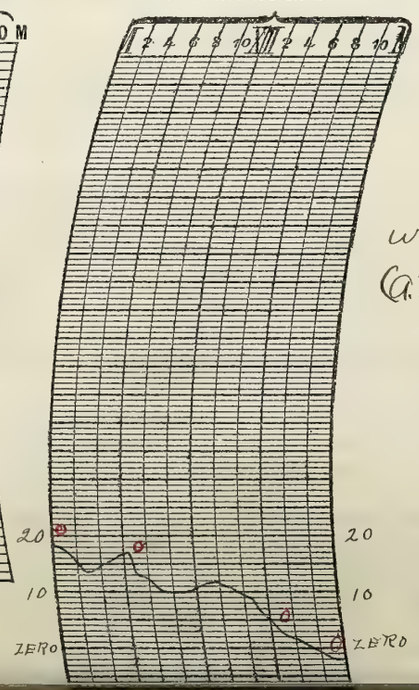


NOTES.

Snow Flurries from 7.05 A. to 11.10 A. M.

A cold wave occurred on this date when the temperature fell from 18° at midnight (A.M) to -2° at midnight (P.M).

Streets and walks covered with snow

Prepared by
Verified by } H. T. Collman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 2 - 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-3	-4	-4	-4	-5	-6	-4	-8	-5	0	6	9	11	13	15	15	14	14	14	14	14	15	15	15
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy			×	Clear			×	Pt Cloudy					×	Clear-Cldy →				
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	0.8	0.4	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	W	W	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	6	3	3	2	1	3	4	5	4	7	8	10	10	12	11	9	11	13	13	12	15	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.59 Character, Cloudy

Sunset: Time, 4.48 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	15	-8	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 9.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 5.2

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 53

Prevailing direction NE

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity, 16 Direction, NE Time. Began 10.26 P.M.

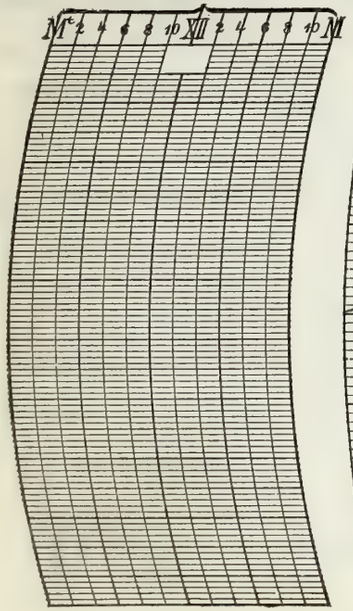
Extreme velocity, 16-NE-10.26 P.M.

Relative humidity, 92 a. m. 84 p. m.

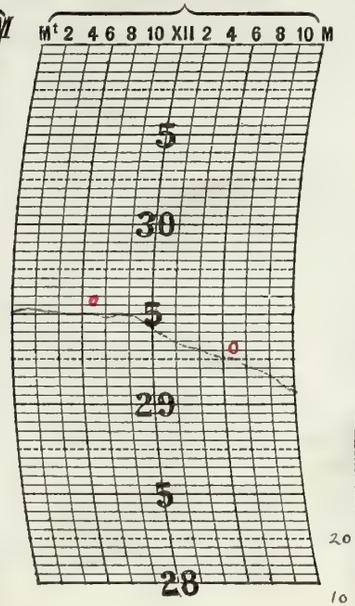
Reduced barometer, 30.51 a. m. 30.24 p. m.

River gage, 4.4 ft.

THERMOGRAPH.



BAROGRAPH.



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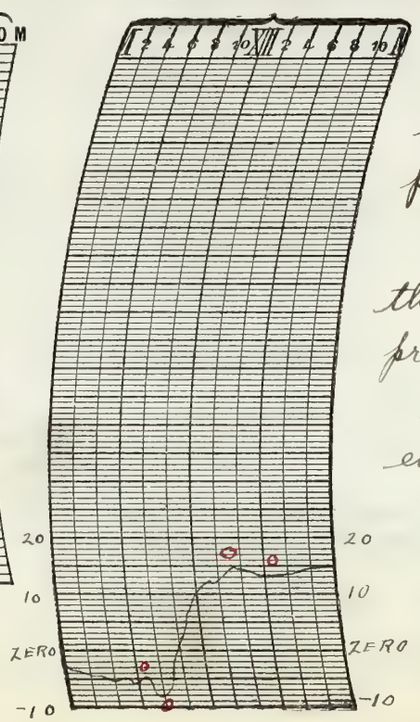


NOTES

Temperatures as low as -14 were recorded by reliable thermometers in the southwest portion of the city.

A cold wave occurred in the morning when the temperature fell from 16° at 6 A.M. of the preceding day to -6° at 6 A.M. today.

A lunar halo of 22° was observed in the evening.

Streets and walks covered with snow.

Prepared by } J.H.T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 2 5 1915, 191

Time (local standard) 10 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	15	15	15	15	15	15	17	20	22	23	24	26	26	27	23	20	18	16	14	13	12	9
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cloudy		×	Clear				Clear								→		
Sunrise: Time, 6.58 Character, Cloudy																					Sunset: Time, 4.49 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	.82 0							
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	9	8	7	10	8	9	9	9	9	9	11	10	12	10	11	9	10	9	8	7	7	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

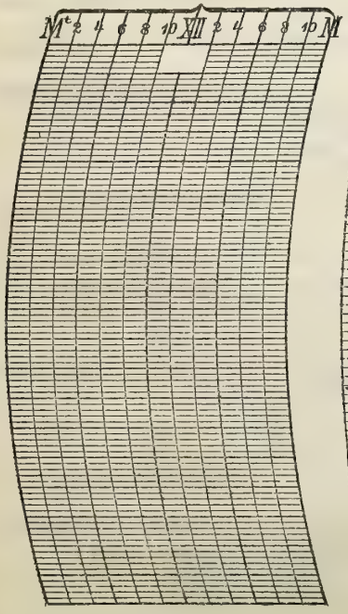
Maximum.	Minimum.	Mean.	Normal.
27	7	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 7.5
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 77
Prevailing direction SW
Total movement, 212
Average hourly velocity, 8.8

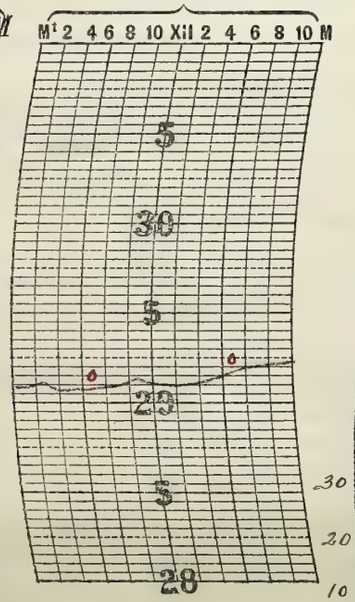
Maximum velocity,	Direction,	Time.
15	SW	Began 3.58 P.M.

Extreme velocity, 16 - SW - 3.58 P.M.
Relative humidity, 82 a. m. 78 p. m.
Reduced barometer, 30.04 a. m. 30.17 p. m.
River gage, 3.9 ft

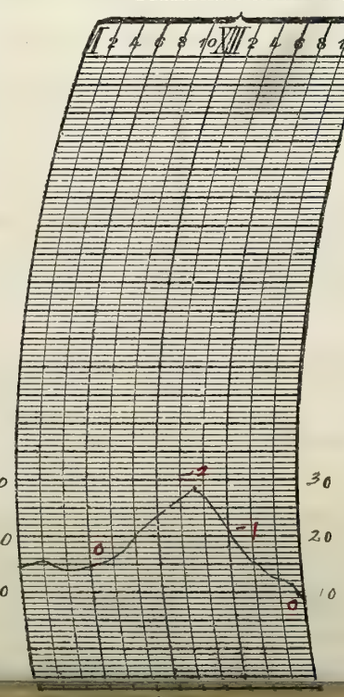
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets covered with snow and walks in some places slippery from snow and ice.

Bright moon light in the evening.

Prepared by H. T. Collman.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 26 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	7	6	4	3	3	4	4	4	9	15	21	25	26	26	24	24	23	22	17	17	15	13	12
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt Cloudy						×	Clear	×	Pt Cloudy		×	Clear				→		
Sunshine (in tenths of hours)							0	0	0	0	0	0.6	1.0	1.0	0.2	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	N	N	S	SE	SW	S	S	SE	S	S	S	S	S	S	S	O
Wind movement	6	6	5	5	4	5	2	1	2	2	2	5	6	6	3	4	3	3	2	1	1	1	1	0
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.57; Character, Cloudy

Sunset: Time, 4.51; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

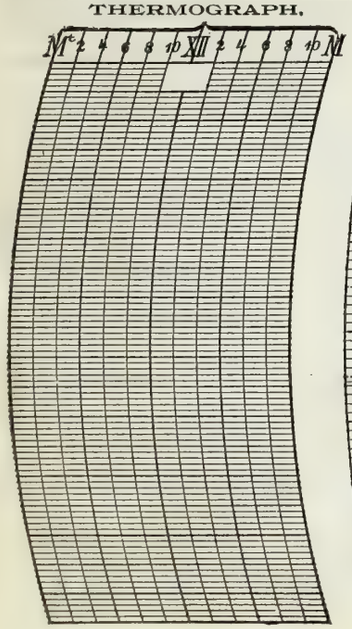
	Maximum.	Minimum.	Mean.	Normal.
	26	3	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 6.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 2.8
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 28
Prevailing direction S
Total movement, 76
Average hourly velocity, 3.2

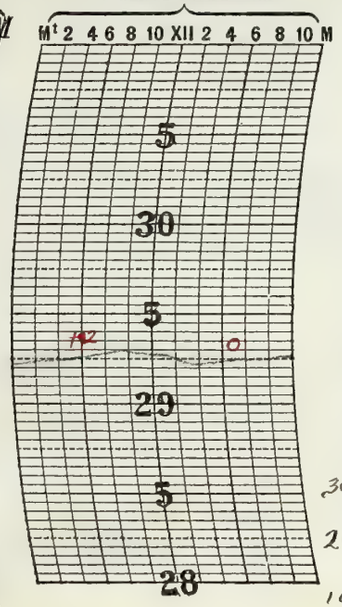
Maximum velocity,	Direction,	Time.
9	SW	Began 12.46 P.M.

Extreme velocity, 9 - SW - 12.46 P.M.
Relative humidity, 94 a. m. 72 p. m.
Reduced barometer, 30.27 a. m. 30.24 p. m.
River gage, 3.9 ft.

THERMOGRAPH.



BAROGRAPH.



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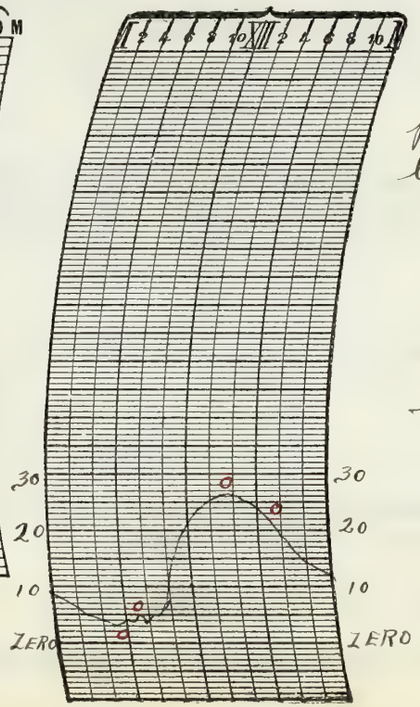


NOTES

Reliable thermometers in the southwest portion of the city recorded temperatures as low as -5° in the morning.

Light fog prevailed from 7.20 A.M. till 11.00 A.M.

Bright moon-light in the evening.

Streets covered with snow and walks in many places slippery from snow and ice

Prepared by } H. T. Coleman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 23 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	10	10	8	3	11	10	13	17	22	24	29	30	28	27	25	23	20	17	16	15	14	13
State of weather: Nature of precipitation and time of beginning and ending																				d SB 7.20				SE DN
Amounts of precipitation																				--	--	--	--	--
Cloudiness and other conditions					← Clear			× Pt Cloudy			× Clear				× Pt Cldy				× Cloudy					→
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0	1.0	0.7	0.2	0	0							
Wind direction	S	S	S	S	S	S	NW	SW	W	W	NW	NW	NW	NW	NW	N	NW	NW	NW	N	N	N	N	N
Wind movement	1	2	3	3	3	4	2	2	3	4	4	3	5	5	10	6	9	9	11	12	10	11	9	8

Sunrise: Time, 6.56 Character, Cloudy

Sunset: Time, 4.52 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	30	3	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 4.9 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 4.1

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 41

Prevailing direction N.W.

Total movement, 139

Average hourly velocity, 5.8

Maximum velocity, 15 Direction, NW Time. Began 7.09 P.M.

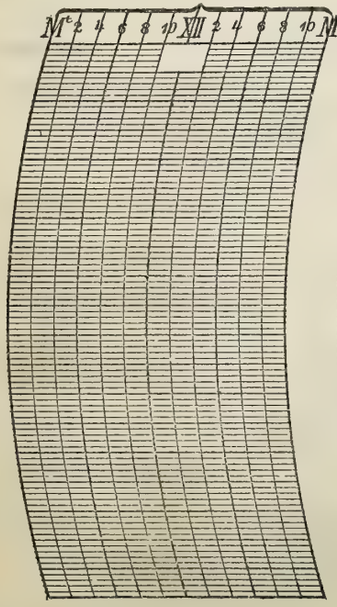
Extreme velocity, 16 NW 7.10 P.M.

Relative humidity, 92 a. m. 82 p. m.

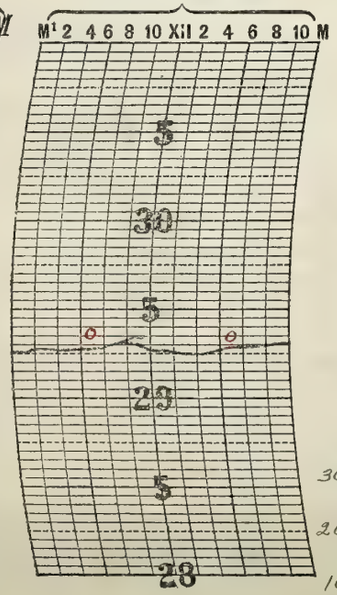
Reduced barometer, 30.27 a. m. 30.24 p. m.

River gage, 3.6 ft

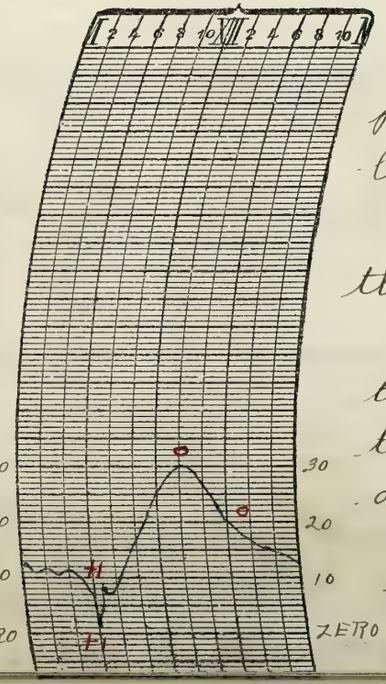
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Reliable thermometers in the southwest portion of the city recorded temperatures as low as −2 in the morning.

A cold wave warning was recieved with the morning forecast at 9.53 A.M.

The warning was disseminated in the forecast cards and weather maps and the cold wave flag was hoisted at 9.53 A.M. and displayed the remainder of the day.

The cold wave warning was repeated in the evening forecast.

Prepared by } H. T. Collman
Verified by }

Form No. 1012—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 20 1915, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	10	8	6	5	6	6	7	10	10	12	15	16	15	15	12	10	9	5	0	-1	-2	-2
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy			Pt Cldy			Clear				Clear							
	Sunrise: Time, 6.55 Character, Cloudy																				Sunset: Time, 4.53 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0.7	0.6	1.0	1.0	1.0	0.6 0.4	0.8 0							
Wind direction	N	N	N	N	NW	N	N	N	N	NW	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	7	7	7	5	6	6	4	4	5	4	6	8	7	8	9	8	10	9	9	10	10	7
Maximum velocities (exceeding 29 miles) direction and time 1																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
16	-2	7	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 4.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 6.2

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 62

Prevailing direction SW

Total movement, 172

Average hourly velocity, 7.2

Maximum velocity, 13 Direction, W Began 7.04 P.M.

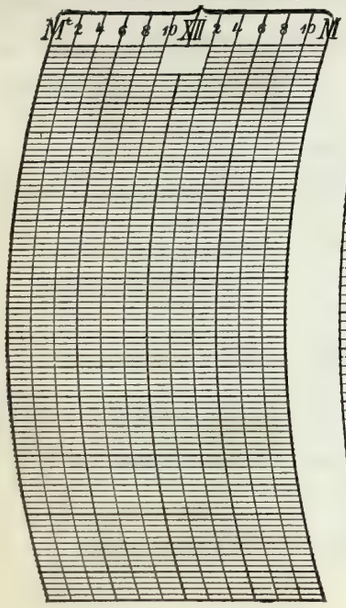
Extreme velocity, 13-W-7.04 P.M.

Relative humidity, 90 a. m. 82 p. m.

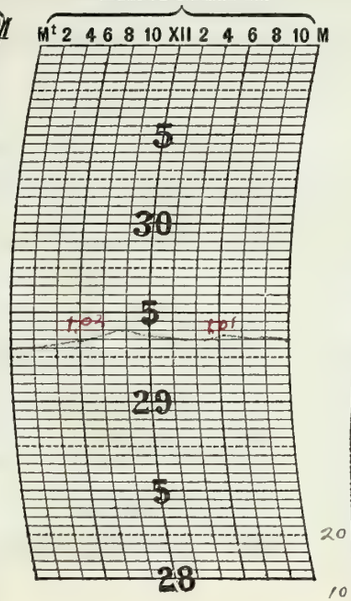
Reduced barometer, 30.36 a. m. 30.37 p. m.

River gage, 3.4

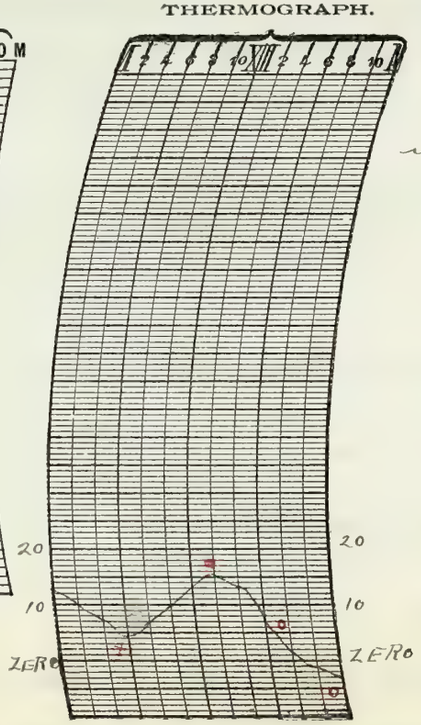
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Streets covered with snow and walks in many places covered with snow and ice.

Prepared by } J.H.T. Collman
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

JAN 20 1915

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-5	-6	-6	-5	-5	-1	2	3	6	8	11	12	13	13	12	10	10	10	8	7	6	5	4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy			→	Pt Cldy			→			Clear						→		
Sunshine (in tenths of hours)	Sunrise: Time, 6.55 Character, Cloudy						0	0	0.5	0.9	0.6	0.6	0.9	1.0	1.0	0.6 0.4	.90 0				Sunset: Time, 4.54 Character, Clear			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	N	N	N	NE
Wind movement	7	11	9	9	9	8	10	10	11	9	13	11	11	11	11	10	8	6	7	4	4	2	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
13	-6	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 4.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10) 2.

Actual sunshine, hours, 7.4

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 74

Prevailing direction SW.

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity, 15 Direction, W Time. Began 8.53 AM

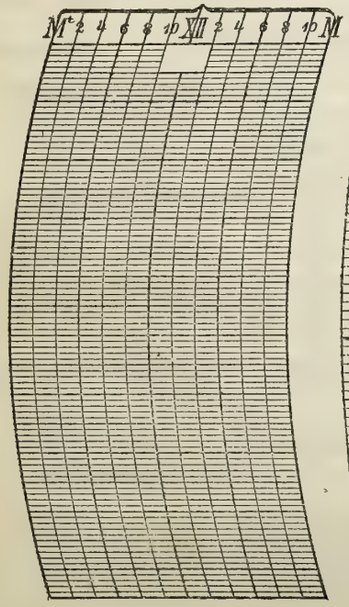
Extreme velocity, 16-W-8.53 AM.

Relative humidity, 79 a. m. 74 p. m.

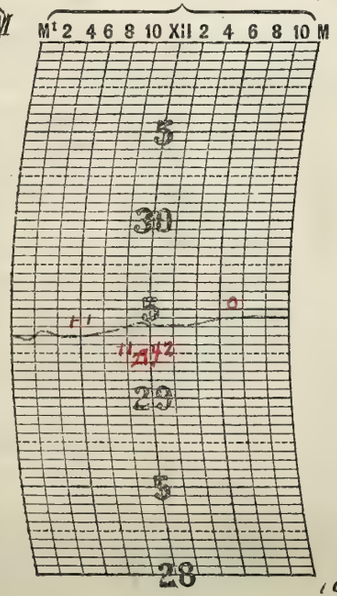
Reduced barometer, 30.36 a. m. 30.44 p. m.

River gage, 3.2 ft.

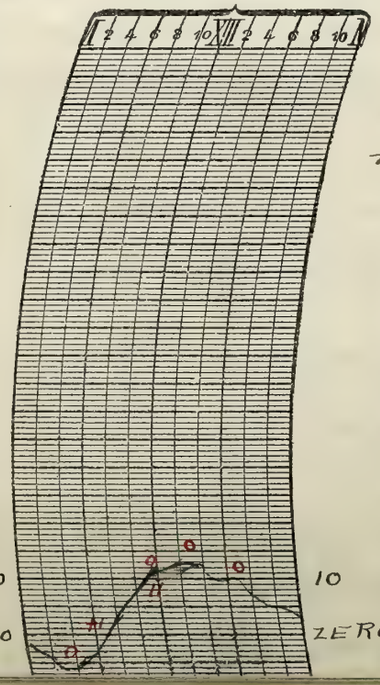
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

The day was cold.
Streets covered with snow and walks in many places covered with snow and ice.
Bright moon-light in the evening.

Prepared by } J. T. Collman
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 30 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	0	0	-1	-2	1	2	4	6	9	15	17	18	19	19	18	18	18	19	20	22	23	25
State of weather: Nature of precipitation and time of beginning and ending																d SB 3.15								
Amounts of precipitation																--	--	--	--	--	--	--	--	--
Cloudiness and other conditions							←		Cloudy						Cloudy									
Sunshine (in tenths of hours)							0	0	0.1	0.3	0.9	0.1	0	0	0	0	0							
Wind direction	NE	NE	NE	E	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	2	2	2	4	4	6	7	6	7	10	11	8	10	10	12	12	14	16	13	13	13	10	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.54 Character, Cloudy

Sunset: Time, 4.55 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	25	-2	12	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 4.8 inches.

Total snowfall, midnight to midnight, 2.7 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 2.54 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 14

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 14

Prevailing direction E

Total movement, 211

Average hourly velocity, 8.8

Maximum velocity, 19 Direction, E Time. Began 5.33 P.M.

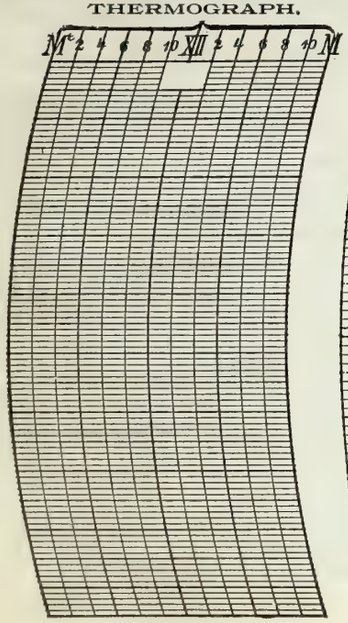
Extreme velocity, 20-E-5.35 P.M.

Relative humidity, 94 a. m. 94 p. m.

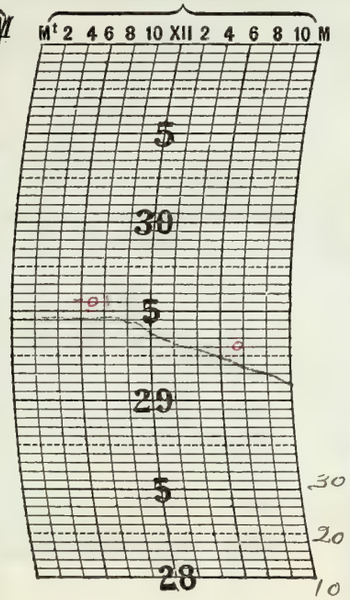
Reduced barometer, 30.43 a. m. 30.16 p. m.

River gage, 3.1 ft.

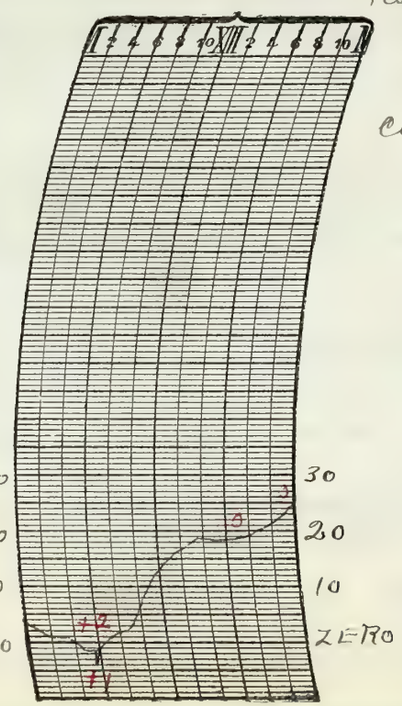
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH. +Estimated



NOTES

Streets, and walks in many places covered with snow and ice.

Prepared by
Verified by } H. H. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

JAN 31 1915

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	26	30	32	33	34	35	36	36	37	38	38	40	41	41	42	42	43	42	41	41	42	41	39
State of weather: Nature of precipitation and time of beginning and ending				d SE DN SNR BDN		SNR RE 5:00 RB 5:00																		
Amounts of precipitation	--	--	--	--	--	.03	.04	.02	.04	.02	.05	.04	T	T	.06	.07	.02	.05	.05	.03	.01	T	T	.04
Cloudiness and other conditions								Cloudy								Cloudy								
Sunrise: Time, 6.53 Character, Cloudy																					Sunset: Time, 4.57 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	E	SE	SE	SE	SE	E	NE	NE
Wind movement	8	11	7	6	7	8	6	6	5	5	8	6	5	6	5	5	6	10	8	6	6	2	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	25	34	

Total depth of snow for 24 hours ending 7 p. m., 4.0 inches.

Snow on ground 7 p. m., 4.1 inches.

Total snowfall, midnight to midnight, 1.3+ inches.

Precipitation to 7 a. m., .39 ins.; to 7 p. m., .42 ins.

Total precipitation, midnight to midnight, .67+ inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 0

Prevailing direction SE

Total movement, 153

Average hourly velocity, 6.4

Maximum velocity,	Direction,	Time.
12	E	Began 1.13 AM

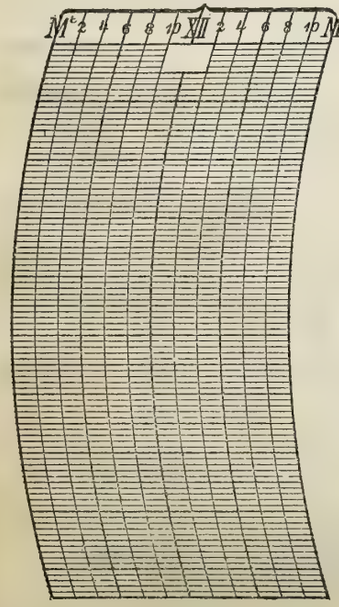
Extreme velocity, 12 - E - 1.13 AM

Relative humidity, 100 a. m. 100 p. m.

Reduced barometer, 29.86 a. m. 29.66 p. m.

River gage, 3.1 ft.

THERMOGRAPH.



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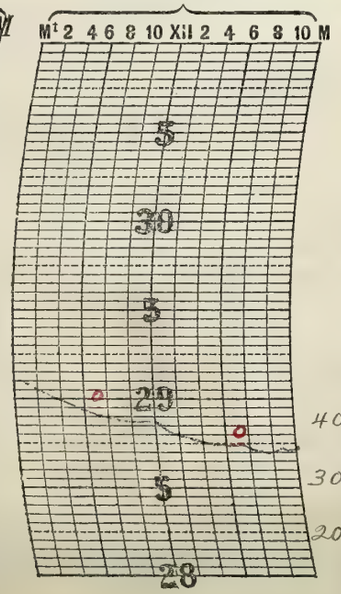

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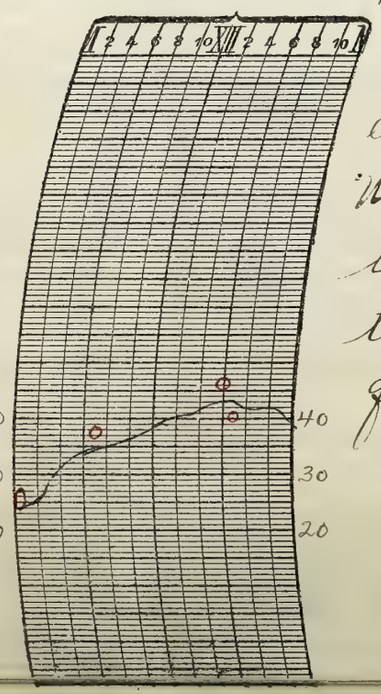


+ Estimated

NOTES.

Snow which began on the preceding day turned to rain during the early morning and light rain continued the remainder of the day making the streets and walks wet and quite slippery.

Prepared by G. H. T. Collman

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, 191

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. Began ____

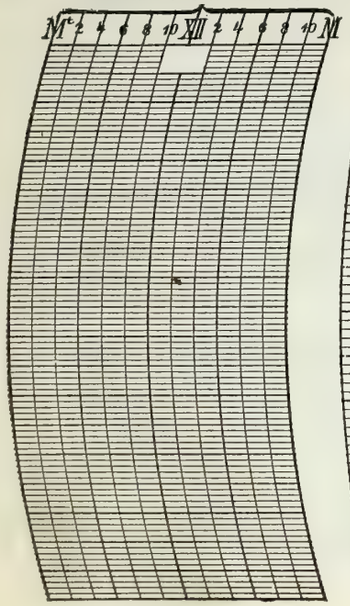
Extreme velocity, ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

THERMOGRAPH.



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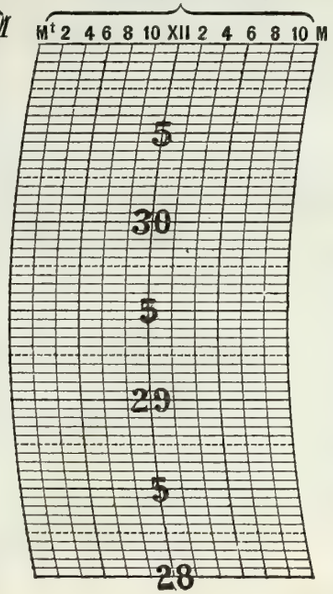

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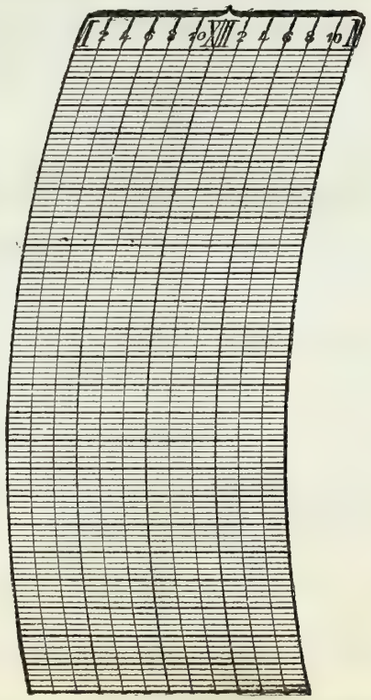


NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	39	37	36	37	35	35	35	34	34	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.04	.07	.06	.07	.06	.03	.04	.04	.04	.03	.11
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	9	11	12	13	15	19	18	19	18	21	24
Maximum velocities (exceeding 29 miles) direction and time												30 NE 11.20

Sunrise: Time, 6.52 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	30	30	29	28	28	28	26	25
Nature of precipitation and time of beginning and ending				RE 3.45					SB 8.00			
Amounts of precipitation	.02	T	T	.02					--	--	--	--
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	22	21	21	19	19	20	21	22	22	25	21	20
Maximum velocities (exceeding 29 miles) direction and time										31 NE 9.53		

Sunset: Time, 4.58 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	25	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 33 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .41 ins.; to 7 p. m., .30 ins.

Total precipitation, midnight to midnight, .64 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 440

Average hourly velocity, 18.3

Maximum velocity, 31 Direction, NE Time. Began 9.53 P.M.

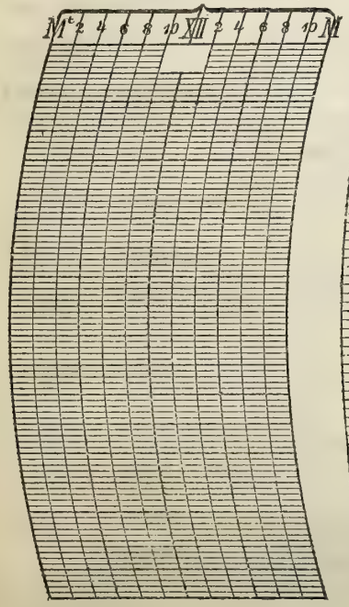
Extreme velocity, 32-NE-9.56 P.M.

Relative humidity, 100 a. m. 89 p. m.

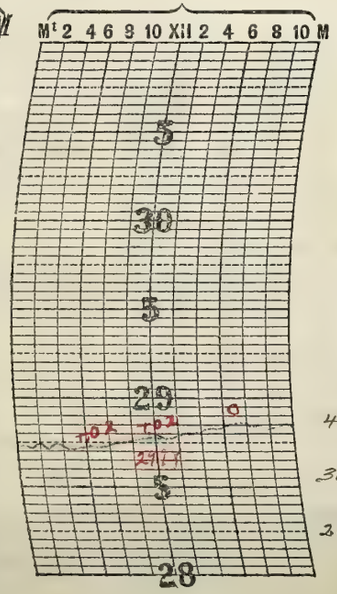
Reduced barometer, 29.67 a. m. 29.78 p. m.

River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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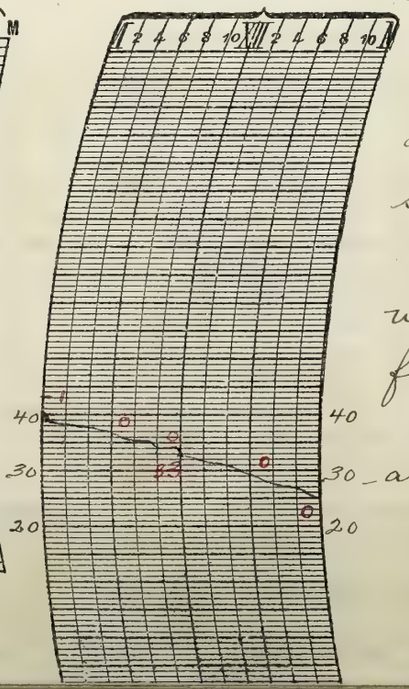


+ estimated.

NOTES.

Light rain fell during the early morning and forenoon, ending at 3.45 P.M., making the streets quite slippery and also the walks.

During the evening the moisture on the walks froze and light dry snow began falling at 8.00 P.M.

The winds increased during the early morning, becoming strong by noon and continued the remainder of the day.

Prepared by } H. T. Collman
Verified by }

Form No. 1012—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 2 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	22	22	21	21	21	21	21	22	22
Nature of precipitation and time of beginning and ending					S d E DN				S+R B 8.00	S+R E 9.10 S+sl B 9.10		S+sl E 11.15
Amounts of precipitation	--	--	--	--	--				T	T	--	--
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	21	18	15	15	14	13	15	12	13	9	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	22	22	21	20	20	20	20	20
Nature of precipitation and time of beginning and ending										S d B DN		S E DN
Amounts of precipitation										--	--	--
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.4	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	15	12	8	8	8	9	9	9	9	7	5	6

State of weather.

Sunrise: Time, 6.51 Character, Cloudy

Sunset: Time, 4.59 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time 1

Total duration. From—	To—	Total amount of precipitation	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	20	22	

Total depth of snow for 24 hours ending 7 p. m., 0.9 inches.

Snow on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 1.2+ inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9.0

Actual sunshine, hours, 0.6

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 6

Prevailing direction NE.

Total movement, 269

Average hourly velocity, 11.2

Maximum velocity, 26 Direction, NE Time. Began 12.32 AM

Extreme velocity, 26-NE-12.32 AM.

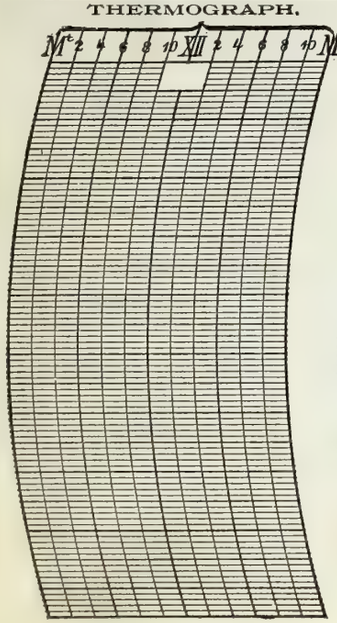
Relative humidity, 97 a. m. 93 p. m.

Reduced barometer, 29.75 a. m. 29.89 p. m.

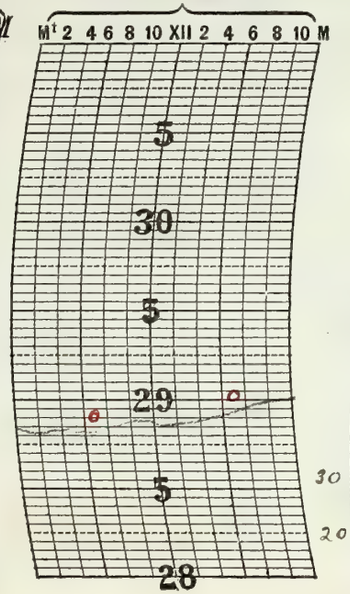
River gage, 11.1 ft.

+ estimated.

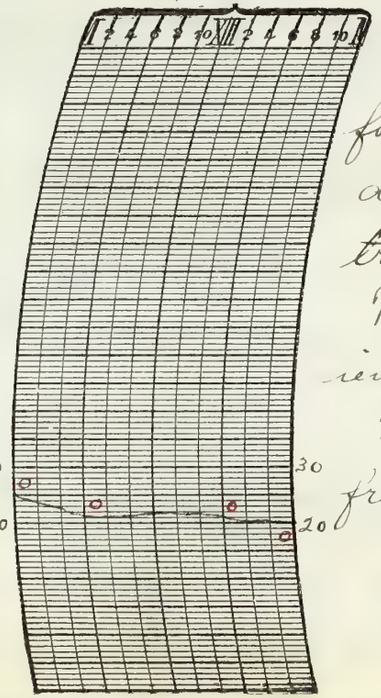
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Moist snow and rain fell during the forenoon changing to moist snow and sleet at 9.10 A.M. but they caused slight trouble for the transportation companies. Telegraph and telephone companies experienced some difficulty to operate their lines. The sun shone faintly for short intervals from 11.00 A.M. to 1.00 P.M.

The strong winds of the preceding day diminished during the early morning.

Prepared by } H.H. Coolman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	20	20	19	20	19	21	22	23	23
Nature of precipitation and time of beginning and ending									d SB 8.40		SE 10.10	
Amounts of precipitation									T	T	T	
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0.2	0	0
Wind direction	NE	N	N	NE	NE	N	N	NE	NE	NE	NE	NE
Wind movement	5	7	6	5	6	6	9	7	5	5	6	5

Sunrise: Time, 6.50 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	23	23	23	22	21	21	21	22
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	5	4	5	5	5	6	5	7	8	7	7	6

Sunset: Time, 5.01 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	23	19	21	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 3.9 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 2

Prevailing direction NE, E.

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity, 10 Direction, E Time. Began 8.12 P.M.

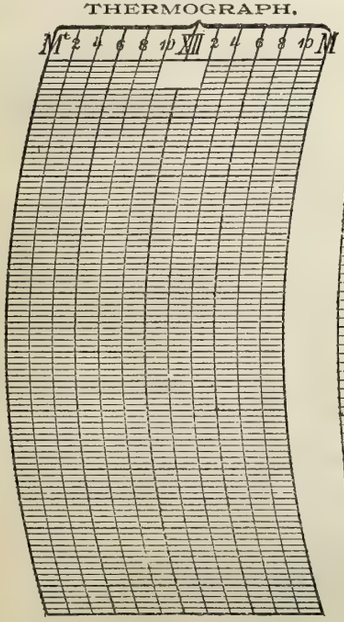
Extreme velocity, 10-E-8.12 P.M.

Relative humidity, 82 a. m. 80 p. m.

Reduced barometer, 30.06 a. m. 30.13 p. m.

River gage, 13.2 ft. (13.5 ft. 5.00 P.M.)

THERMOGRAPH.



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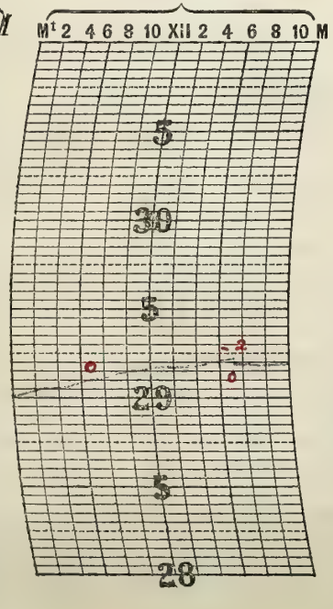

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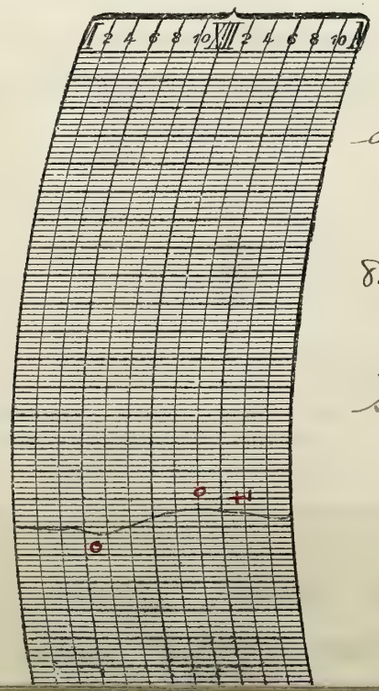


NOTES.

The Maumee River crested during the afternoon at a stage of 13.5 ft.

Light dry snow in the air from 8.40 A. to 10.10 A.M.

Streets and walks covered with snow, sleet and ice.

Prepared by } H. T. Collman.
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 4 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	23	23	23	24	25	26	28	29	32	33	33	34	34	34	35	34	33	33	33	32	33	34
State of weather: Nature of precipitation and time of beginning and ending																						TRB 9.40		
Amounts of precipitation																						T	.01	.03
Cloudiness and other conditions								Cloudy								Cloudy								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.2	0.1	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	E	E	E	E
Wind movement	7	8	7	7	7	6	6	6	5	7	7	11	10	10	10	9	8	7	6	7	6	9	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.50 Character, Cloudy

Sunset: Time, 5.02 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7.10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 3

Prevailing direction E

Total movement, 180

Average hourly velocity, 7.5

Maximum velocity, 15 Direction, SE Time. Began 12.15 P.M.

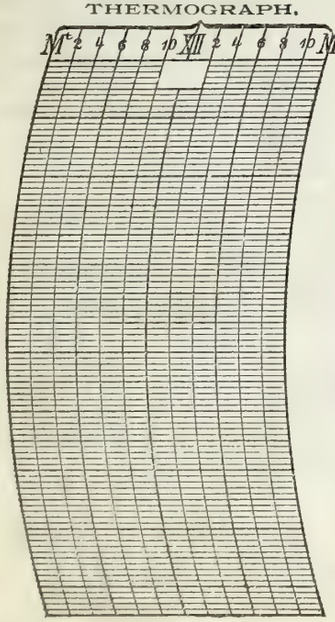
Extreme velocity, 15-SE-12.15 P.M.

Relative humidity, 96 a. m. 90 p. m.

Reduced barometer, 30.10 a. m. 29.91 p. m.

River gage, 13.2 ft.

THERMOGRAPH.



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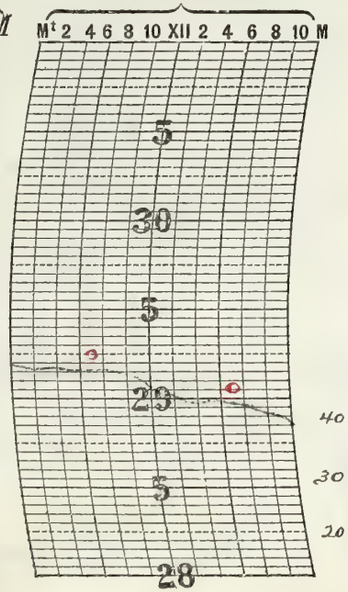

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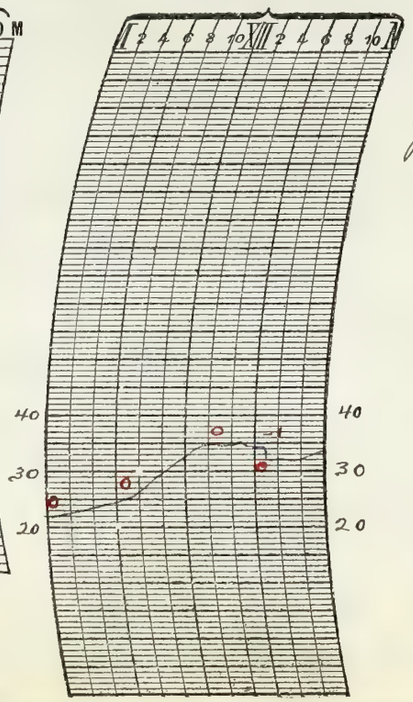


NOTES.

Streets and walks in many places covered with snow and ice. Some thawing occurred during the day.

Prepared by } H. G. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 5 1915, 191

Time (local standard), 60 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	36	37	39	40	39	40	40	40	39	39	39	39	40	41	40	38	35	34	32	33	33	33
State of weather: Nature of precipitation and time of beginning and ending																RE 3.10	RB 4.25			RE 8.00				d SB DN
Amounts of precipitation	.05	.07	.03	.04	T	T	.02	T	.01	.03	.01	.03	.03	.02	T	.01	.02	.03	.01	T				T
Cloudiness and other conditions								Cloudy							Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0.2	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW
Wind movement	9	11	12	14	15	14	13	13	11	12	12	10	10	11	11	11	9	13	14	14	14	18	20	23

Sunrise: Time, 6.48; Character, Cloudy

Sunset: Time, 5.03; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	41	33	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.9 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .41 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 2

Prevailing direction SE

Total movement, 314

Average hourly velocity, 13.1

Maximum velocity, 27 Direction, SW Time. Began 11.06 P.M.

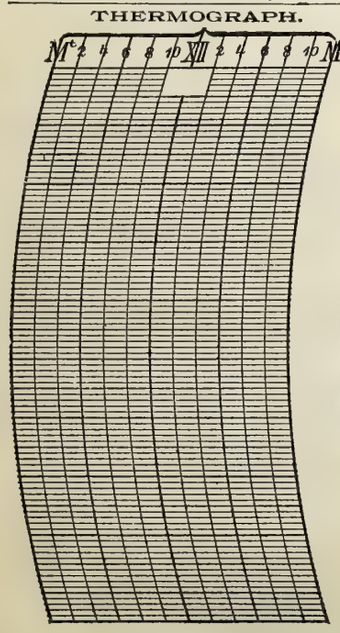
Extreme velocity, 28 - SW - 11.08 P.M.

Relative humidity, 100 a. m. 100 p. m.

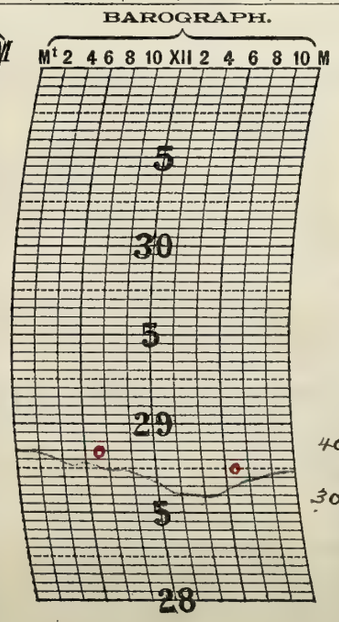
Reduced barometer, 29.70 a. m. 29.66 p. m.

River gage, 12.4 ft (13.0 ft 5 p.m.)

THERMOGRAPH.



BAROGRAPH.



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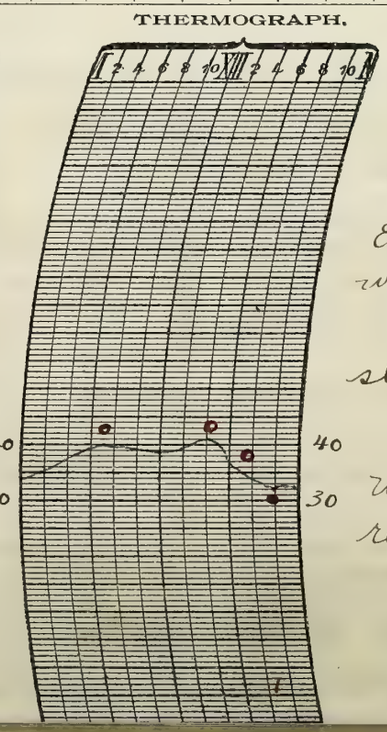


NOTES.

Light rain which began on the preceding day continued during the forenoon and ended at 8.00 P.M. except for a short interval when the sun shone.

Streets and walks were wet and very slippery from snow and ice and rain.

River warning issued with the morning forecast as follows "The Maumee will rise during the next 24 hrs. and will probably reach the flood stage of 15.0 ft. by morning."

Prepared by } H. T. Collman
Verified by }

Form No. 1012—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	30	30	29	29	28	28	27	26	26	25	25	25	25	25	25	25	24	23	23	22	22	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	--	--	--	--	--	--	--	T	T	T	T	T	--	--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 6.47 Character, Cloudy																					Sunset: Time, 5.04 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	21	21	21	18	18	16	18	18	24	24	21	27	22	23	23	21	20	21	19	20	19	18	16
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9.18			31 SW 12.37											

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	21	27	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 2.2 inches.

Total snowfall, midnight to midnight, 0.3+ inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .03+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 488

Average hourly velocity, 20.3

Maximum velocity, 31 Direction, SW Time. Began 12.37 P.M.

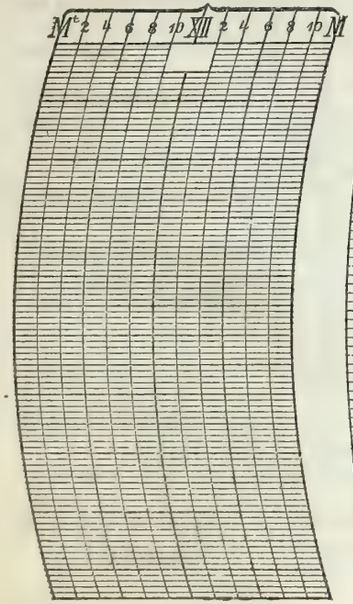
Extreme velocity 32-SW-12.37 P.M.

Relative humidity, 82 a. m. 87 p. m.

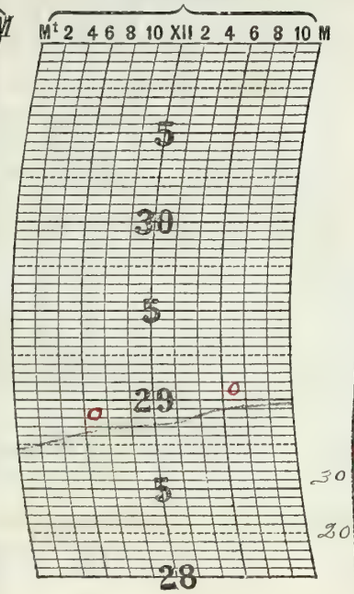
Reduced barometer, 29.77 a. m. 29.93 p. m.

River gage, 14.9 ft. (15.3 ft. 5.00 P.M.)

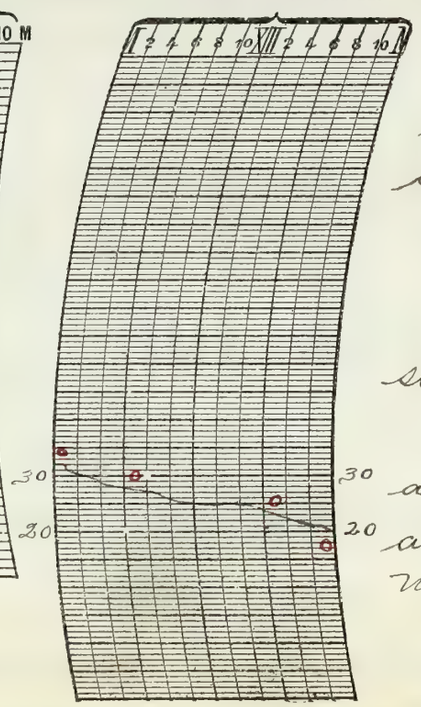
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ estimated.

NOTES.

Light dry snow fell all day.

Streets and walks covered with snow and ice.

Strong SW winds blew during the day.

The Maumee river rose above the flood stage of 15.0 ft during the day.

River warning issued with the morning forecast as follows "The Maumee will probably rise slightly above 15.0 ft. to-day but will commence to fall by morning"

Prepared by } H. T. Collman.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB. 7 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	18	18	17	17	15	15	15	16	19	21	22	21	21	21	20	20	17	19	20	19	19
State of weather: Nature of precipitation and time of beginning and ending											d SE 10.40				d SB 2.00									
Amounts of precipitation	--	--	--	--	--	--	--	T	T	T	T				--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions						Cloudy					×	Clear ×				Cloudy								
Sunshine (in tenths of hours)							0	0	0	0	0.6	1.0	1.0	0.8	0	0	0	0						
Wind direction	W	W	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	13	14	14	13	12	13	12	12	13	14	12	16	16	15	15	13	14	15	14	14	11	14	13
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6.45 Character, Cloudy

Sunset: Time, 5.05 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	22	15	18	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 2.3 inches.

Total snowfall, midnight to midnight, 0.2† inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02† inches.

Character of day, Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.4

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 33

Prevailing direction W

Total movement, 328

Average hourly velocity, 13.7

Maximum velocity, 18 Direction, SW Time. Began 12 32 A.M.

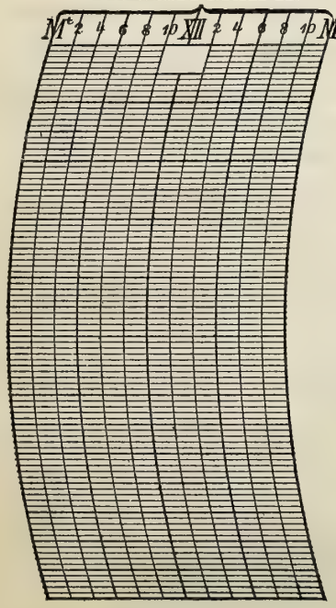
Extreme velocity, 18-SW-12 32 A.M.

Relative humidity, 84 a. m. 84 p. m.

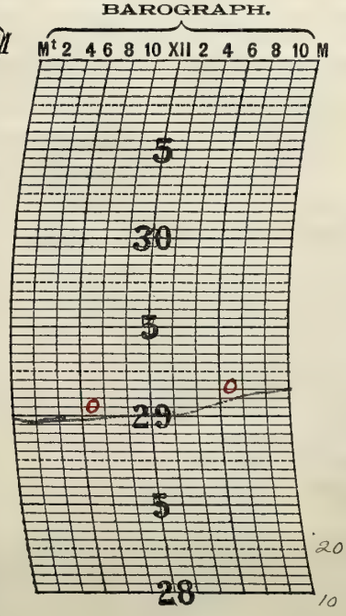
Reduced barometer, 29.93 a. m. 30.07 p. m.

River gage, 15.7 ft. (15.4 ft. 5.00 P.M.)

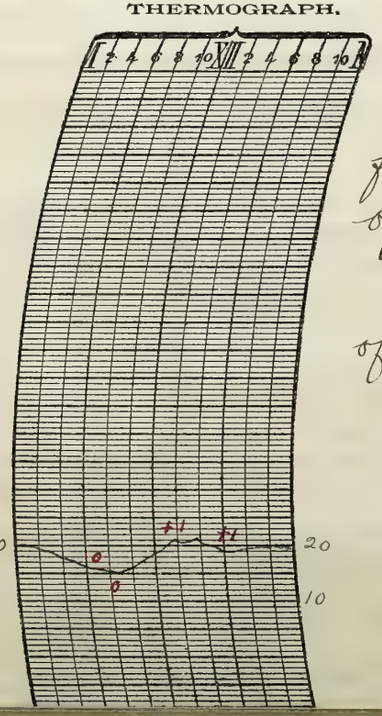
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



† Estimated.

NOTES.

Light snow fell all day except for a short interval during the middle of the day when the sun shone.

The Maumee was above the flood stage of 15.0 ft all day.

Prepared by
Verified by } H. T. Collman

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	19	20	22	22	23	24	25	26	27	27	28	28	28	27	26	26	26	26	25	24
Nature of precipitation and time of beginning and ending															d SE 2.45									
Amounts of precipitation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--									
Cloudiness and other conditions							Cloudy								Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.3	0	0.2	0.1	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	NW	NW	W	W	NW	NW	NW	NW	NW	NW
Wind movement	15	14	14	14	12	9	9	9	10	9	10	12	12	12	13	12	12	10	10	10	7	8	9	9
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 6.44 Character, Cloudy

Sunset: Time, 5.07 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	19	24	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., 2.6 inches.

Total snowfall, midnight to midnight, 0.5+ inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .03+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.7

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 7

Prevailing direction W.

Total movement, 261.

Average hourly velocity, 10.9

Maximum velocity, 17 Direction, W Time. Began 12.55 A.M.

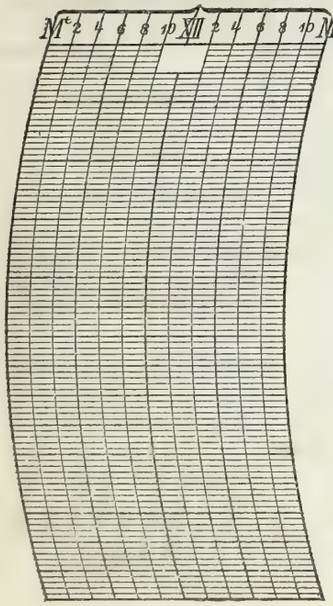
Extreme velocity, 17 - W - 12.55 A.M.

Relative humidity, 86 a. m. 82 p. m.

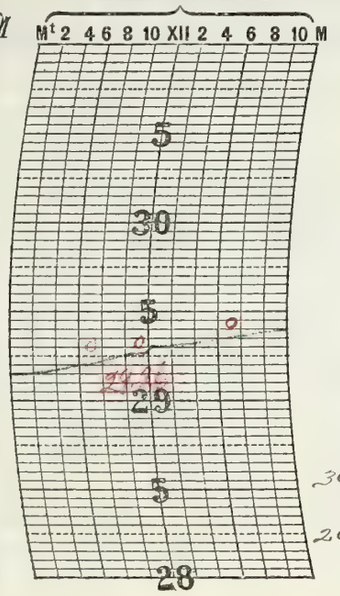
Reduced barometer, 30.17 a. m. 30.30 p. m.

River gage, 15.1 ft

THERMOGRAPH.



BAROGRAPH.



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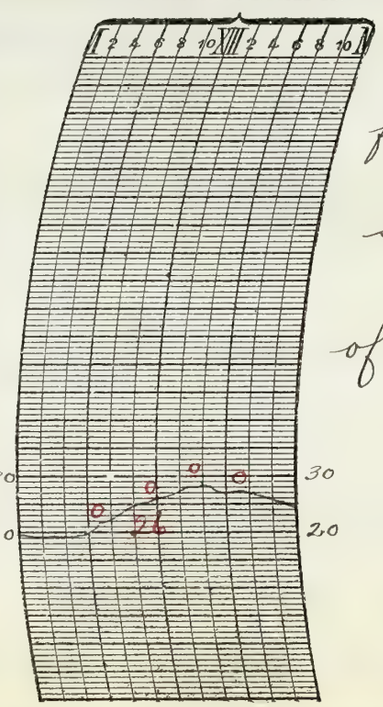


+ Estimated.

NOTES.

Light dry snow fell during the forenoon and part of the afternoon. Streets and walks covered with snow and ice.

The Maumee fell below the flood stage of 15.0 ft during the day.

Prepared by
Verified by } H.T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB. 9 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	25	25	23	21	19 20	20	22	24	25	26
State of weather: Nature of precipitation and time of beginning and ending								d SB 7.50				SE 11.10
Amounts of precipitation								T	T	T	T	T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6.43 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	NW	NW	NW	W	W	W	SW	SW	SW	SW	NW	NW
Wind movement	7	7	5	6	8	6	7	7	6	7	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	26	26	25	24	23	22	20	19	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy			× Clear →					
Sunset: Time, 5.08 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	N	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	7	5	8	6	4	5	6	5	5	5	5	6

Maximum velocities (exceeding 29 miles) direction and time /

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

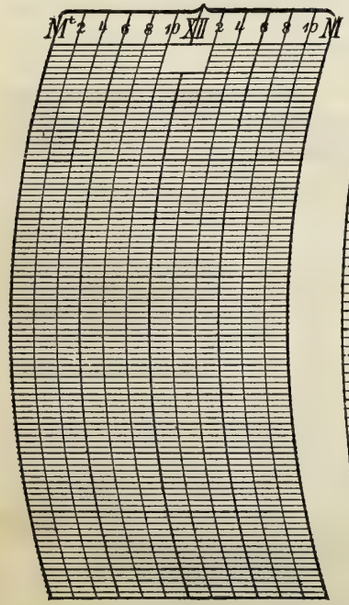
	Maximum.	Minimum.	Mean.	Normal.
	28	18	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.3
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 3
Prevailing direction E, NW.
Total movement, 142
Average hourly velocity, 5.9

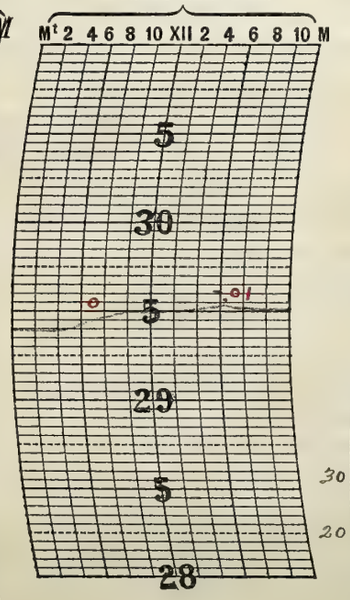
Maximum velocity,	Direction,	Time.
10	NW	Began 12.31 AM

Extreme velocity, 10 - NW - 12.31 AM.
Relative humidity, 81 a. m. 74 p. m.
Reduced barometer, 30.41 a. m. 30.48 p. m.
River gage, 14.2 ft.

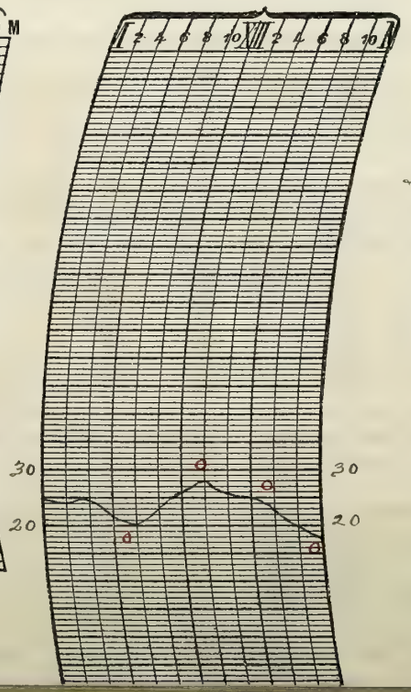
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light dry snow fell during the forenoon. Streets and walks covered with snow and ice.

Prepared by } H.T. Collman.
Verified by }

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 10 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	18	17	18	18	19	19	18	19	23	27	33	36	38	40	41	41	40	38	38	37 38	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←	Clear							Clear						→			
Sunshine (in tenths of hours)	Sunrise: Time, 6.42 Character, Clear						.30 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	1.0 0	.15 0			Sunset: Time, 5.09 Character, Clear			
Wind direction	E	SE	SE	SE	SE	S	SE	SE	SE	S	S	S	S	S	S	S	SE	S	S	S	S	S	S	S
Wind movement	7	4	7	6	7	6	9	12	12	12	13	12	16	12	12	12	10	10	13	14	15	17	15	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	17	29	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 9.8

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 94

Prevailing direction S.

Total movement, 266

Average hourly velocity, 11.1

Maximum velocity, 19 Direction, S Time. Began 12.25 P.M.

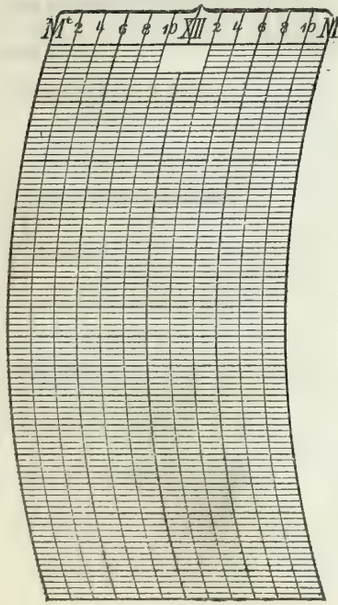
Extreme velocity, 20 S 12.27 P.M.

Relative humidity, 83 a. m. 63 p. m.

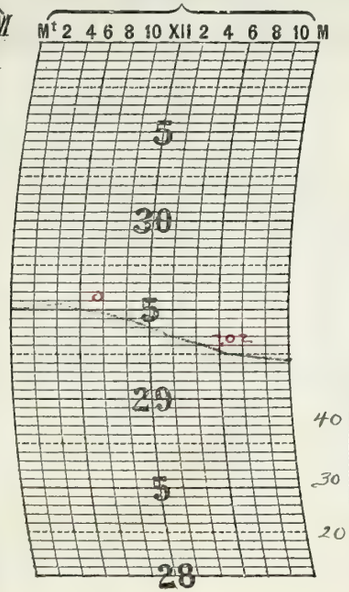
Reduced barometer, 30.46 a. m. 30.18 p. m.

River gage, 13.4 ft

THERMOGRAPH.



BAROGRAPH.



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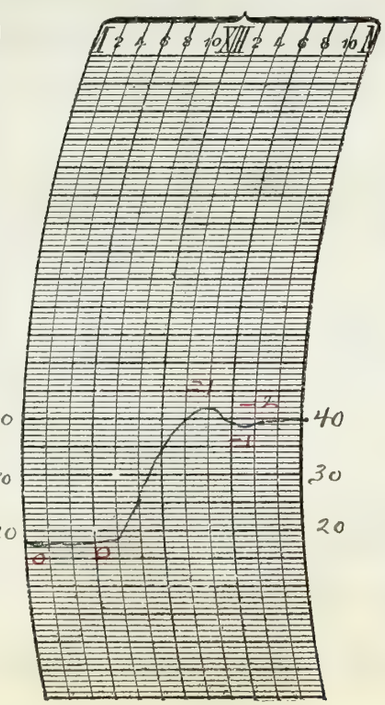


NOTES.

Streets and walks slushy from melting snow and ice.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 11 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

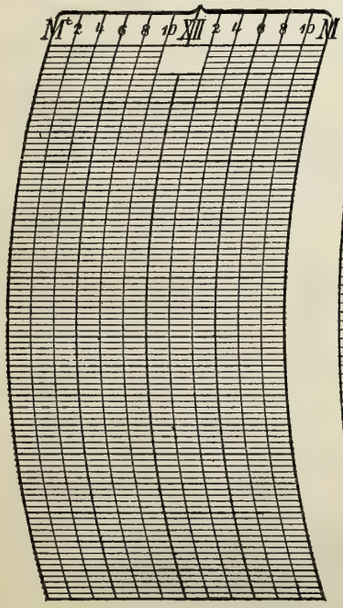
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	42	42	42	43	45	43	44	45	46	48	49	53	54	55	54	53	52	51	49	49	49	48	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cloudy								Cloudy									
Sunrise: Time, 6.41 Character, Cloudy																					Sunset: Time, 5.10 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.2	0.2	1.0	0.3	0.4	1.0	0.4	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	17	16	16	16	17	18	20	20	20	19	19	19	21	20	18	14	14	17	18	18	18	15	16
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
55	39	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 3.5
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 33
Prevailing direction SW.
Total movement, 420
Average hourly velocity, 17.5
Maximum velocity, 25 Direction, SW Time, Began 9.21 AM
Extreme velocity, 27 - SW - 9.24 AM
Relative humidity, 64 a. m. 83 p. m.
Reduced barometer, 30.10 a. m. 30.07 p. m.
River gage, 11.9 ft.

THERMOGRAPH.



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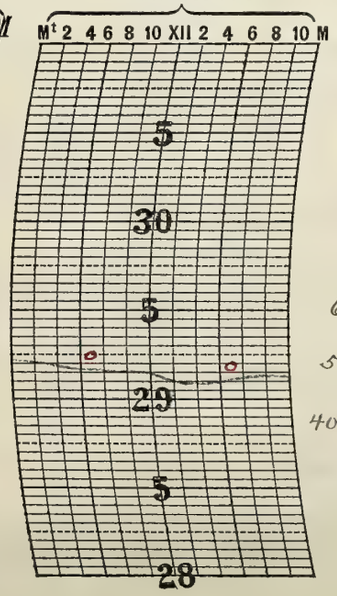

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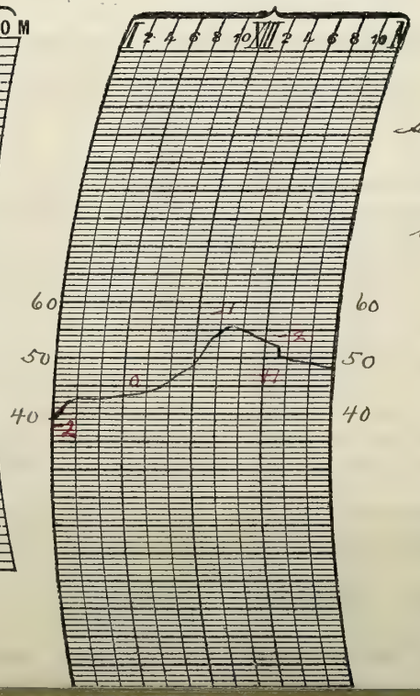


NOTES.

Streets and walks slushy from melting snow and ice.
Strong gusty southwest winds prevailed during the middle of the day

Prepared by
Verified by } H. T. Collman.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 13 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	47	46	46	46	45	45	45	45	38
State of weather: Nature of precipitation and time of beginning and ending				RB DN								
Amounts of precipitation				T	.03	.02	.02	.01	T	T	.01	T
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 6.39 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NE
Wind movement	16	14	9	8	6	7	8	6	7	6	6	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	35	35	35	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	.01	T	T	T	.02	T	T	T	T	T
Cloudiness and other conditions				Cloudy								
Sunset: Time, 5.12 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	11	12	12	12	11	13	12	11	9	9	9	9
Maximum velocities (exceeding miles) direction and time												

	Maximum.	Minimum.	Mean.	Normal.
Temperature	50	35	42	

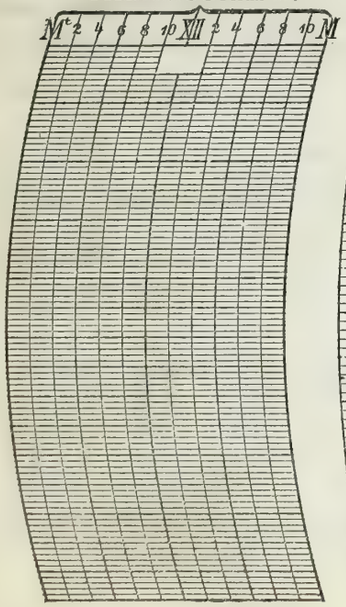
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 0
Prevailing direction SW.
Total movement, 234
Average hourly velocity, 9.8

Maximum velocity, 17 Direction, SW Time. Began 12.44 A.M.
Extreme velocity, 17-SW-12.44 A.M.

Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.12 a. m. 30.21 p. m.
River gage, 13.9 ft. (15.7 ft 4 00 P.M.)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



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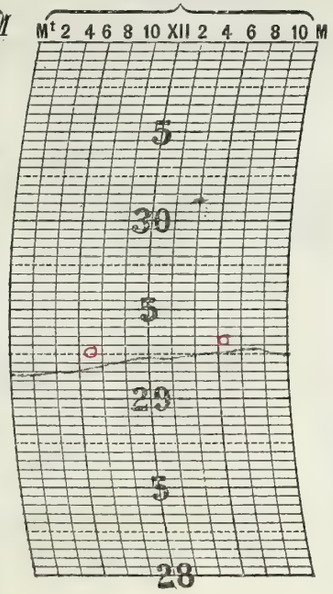

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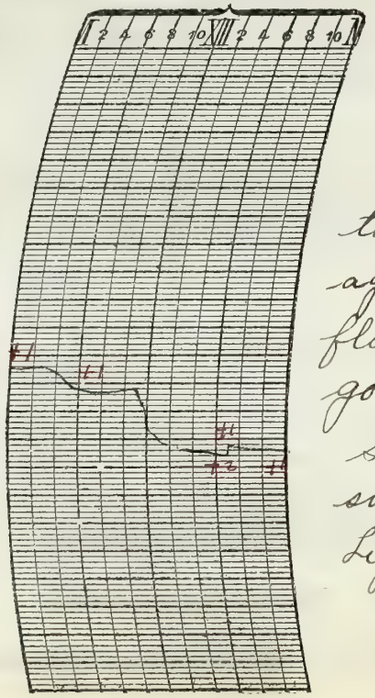


NOTES.

Lt. Fog { B. 7.30 A.M. E. 6.00 P.M.

Light rain fell all day.

The following river warning was issued with the morning forecast "The Maumee is rising again and will continue to rise, reaching the flood stage of 15.0 ft by morning, and probably going to the 16.0 ft stage to-morrow."

Streets and walks slushy from rain, melting snow and ice.

Light fog prevailed from 7.30 A.M. to 6.00 P.M.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 1 3 , 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	35	35	37	38	43	50	56	58	60	59	58	56	54	54	53	54	53	53
State of weather: Nature of precipitation and time of beginning and ending					RE DN.																		RB DN	
Amounts of precipitation	T	T	.01	T	.01																		T	.02
Cloudiness and other conditions								Cloudy					Cloudy					Clear						
Sunshine (in tenths of hours)							0	0	0	0	0	0.1	1.0	0.8	1.0	0.4	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	9	8	7	8	7	7	8	8	7	5	5	7	10	11	14	11	9	8	12	12	13	16	18	19
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.38 Character, Cloudy

Sunset: Time, 5.13 Character, Cloudy

Maximum.	Minimum.	Mean.	Normal.
60	34	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase, New Moon

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.3

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 31

Prevailing direction SE

Total movement, 239

Average hourly velocity, 10.0

Maximum velocity, 21 Direction, SE Time. Began 10.40 PM

Extreme velocity, 21-SE-10.40 PM.

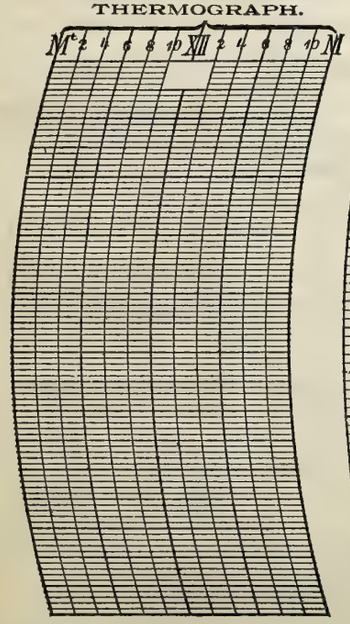
Relative humidity, 100 a. m. 69 p. m.

Reduced barometer, 30.13 a. m. 29.86 p. m.

River gage, 16.0 ft (15.8 ft. 4 PM)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



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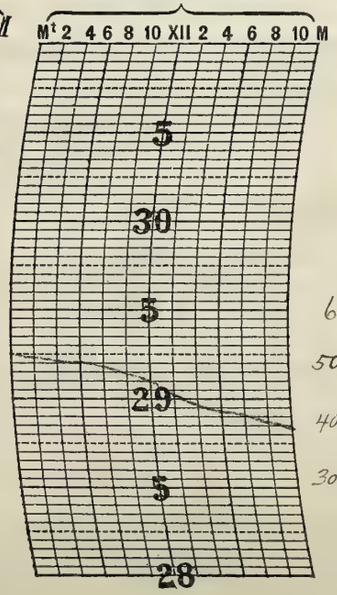

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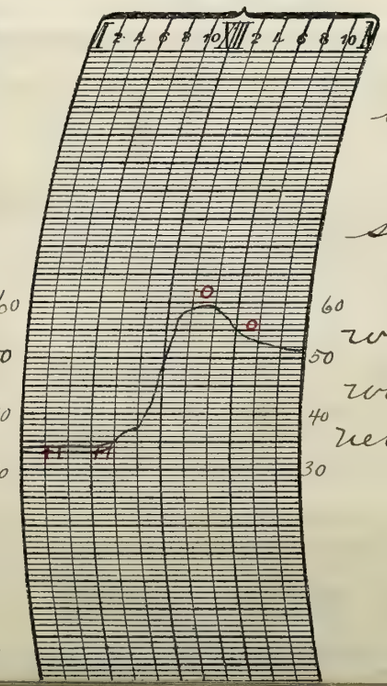


NOTES.

Dense fog prevailed from D.N.A. to 8.10 A.M. and light fog from 8.10 A.M. to 9.30 A.M.

Streets and walks slushy from melting snow and ice.

The following river forecast was issued with the morning forecast "The Maumee will probably rise some more during the next 24 hrs. and reach the 17.0 ft stage to-morrow."

Prepared by } H.T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 14 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	54	55	55	52	50	51	49	49	49	50	52
State of weather: Nature of precipitation and time of beginning and ending						RE 6.00		RB 7.20 RE 8.00				
Amounts of precipitation	T	T	T	T	.03	T		.09				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6.37 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0.6	0.5
Wind direction	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	20	18	20	21	22	21	18	17	18	19	20	28
Maximum velocities (exceeding 24 miles) direction and time												35 SW 11.30

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	48	45	44	43	42	41	41	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, 5.14 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.1	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	27	27	25	23	24	22	22	21	15	13	11	13
Maximum velocities (exceeding 24 miles) direction and time	34 SW 12.30	34 SW 1.53	31 SW 2.20			30 SW 5.40	32 SW 6.08					

	Maximum.	Minimum.	Mean.	Normal.
	55	40	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 1.2
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 11
Prevailing direction SW
Total movement, 485
Average hourly velocity, 20.2

Maximum velocity,	Direction,	Time.
36	SW	Began 2.20 PM.

Extreme velocity, 42 SW - 11.35 AM.
Relative humidity, 86 a. m. 68 p. m.
Reduced barometer, 29.69 a. m. 29.90 p. m.
River gage, 15.7 ft.

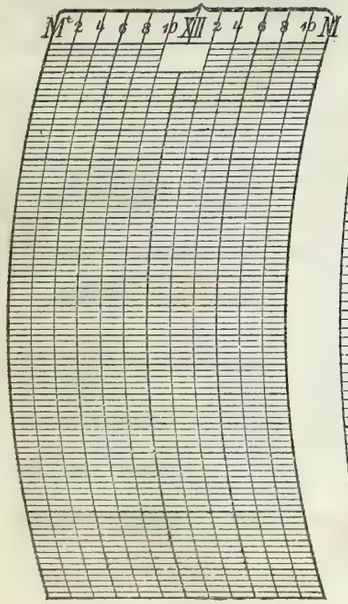
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



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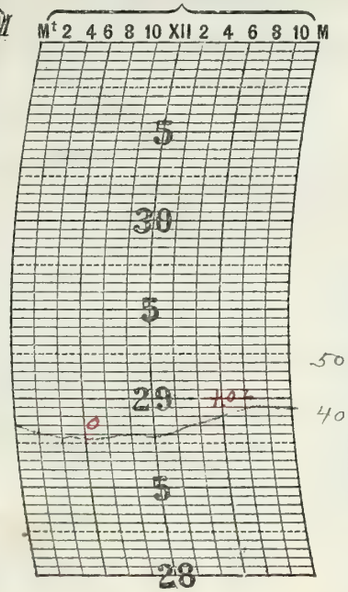

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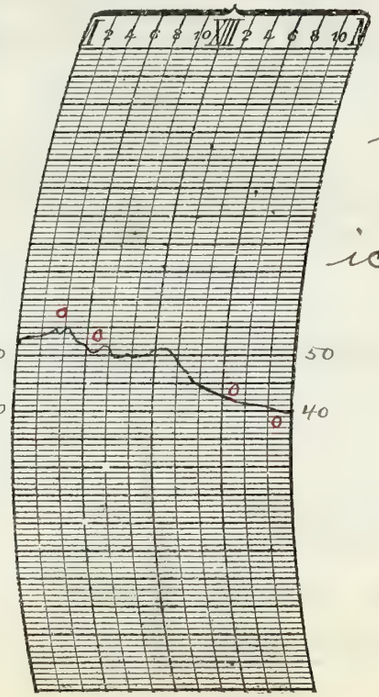


NOTES.

High gusty prevailed during the day.
Streets and walks free from snow and ice.

Prepared by } H. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

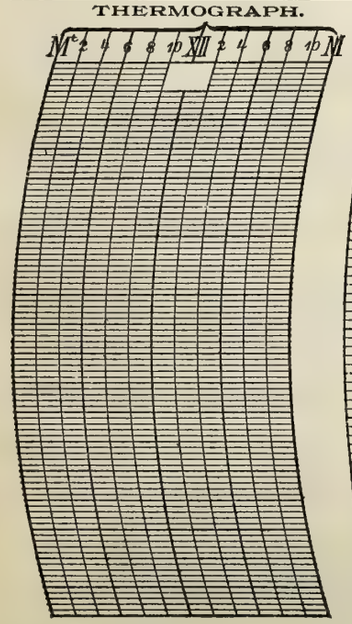
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	38	34	34	34	34	33	32	33	33	33	33	33	33	34	34	34	34	34	34	33	33	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy										Cloudy									
Sunrise: Time, 6.35 Character, Cloudy																					Sunset: Time, 5.15 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	18	25	23	19	21	20	20	19	18	21	19	18	20	20	17	17	17	15	13	17	15	14	10	14
Maximum velocities (exceeding 29 miles) direction and time		31 SW 1.28	30 SW 2.10		30 SW 4.20																			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
41	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10.0
Actual sunshine, hours, 0
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 430
Average hourly velocity, 17.9
Maximum velocity, 31 Direction, SW Time. Began 1.24 AM
Extreme velocity, 31-SW-1.24 AM
Relative humidity, 71 a. m. 86 p. m.
Reduced barometer, 30.05 a. m. 30.24 p. m.
River gage, 15.8 ft.

THERMOGRAPH.



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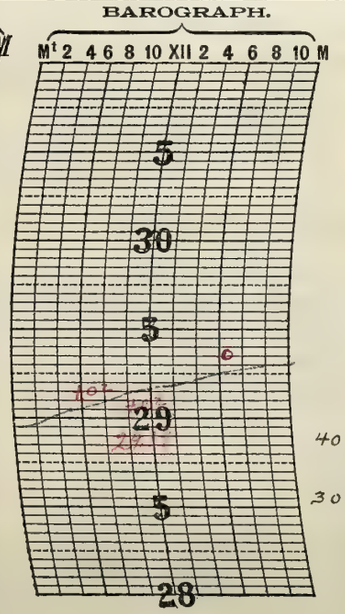

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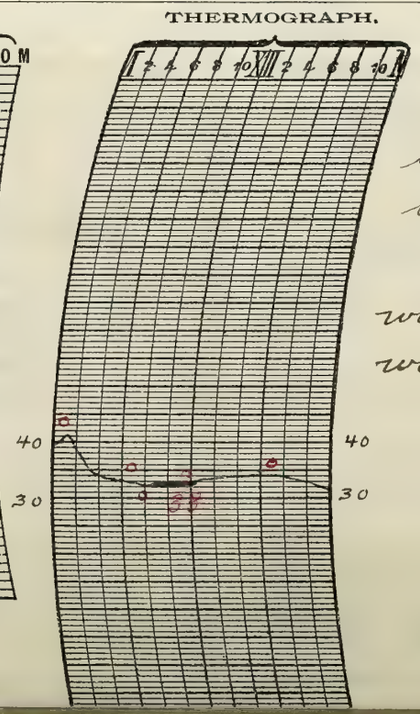


NOTES.

The day was chilly with high winds during the early morning and diminishing during the day.

The following river warning was issued with the morning forecast "The Maumee will fall during the next 24 hrs."

Prepared by } H. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 1 6 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	30	29	28	26	26	26	27	29	31	31	31	30	30	29	29	28	27	26	26	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear	Cloudy						Cloudy							Clear				
Sunrise: Time, 6.34 Character, Cloudy																					Sunset: Time, 5.16 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	SW	W	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	16	8	10	11	11	10	9	10	10	11	10	9	9	11	9	8	8	8	9	7	5	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

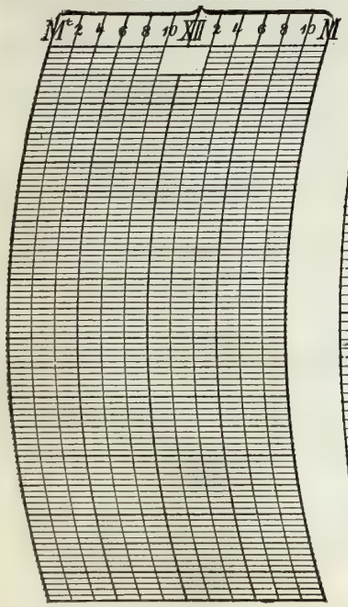
Maximum.	Minimum.	Mean.	Normal.
32	25	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 210
Average hourly velocity, 8.8

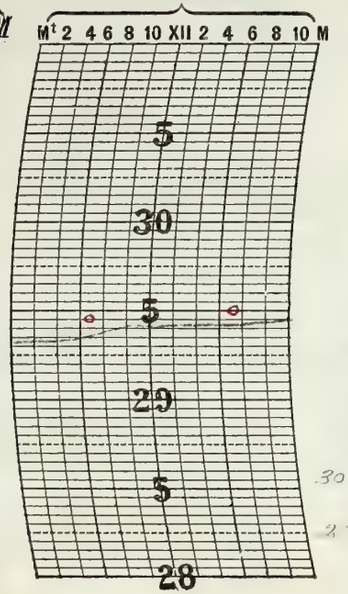
Maximum velocity,	Direction,	Time.
18	W	Began 12.21 AM

Extreme velocity, 19-W-12.21 AM.
Relative humidity, 70 a. m. 77 p. m.
Reduced barometer, 30.34 a. m. 30.40 p. m.
River gage, 1.5.3 ft.

THERMOGRAPH.



BAROGRAPH.



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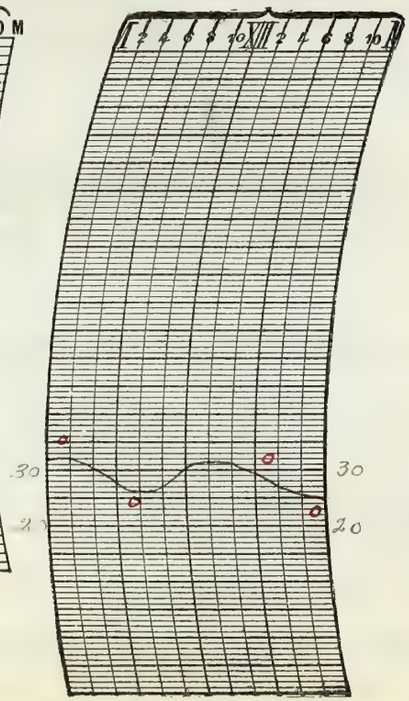


NOTES

Sky cleared at 7.25 P.M.

Prepared by } H F Calloway
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	24	23	23	22	22	23	25	27	29	31	34	35	36	37	38	37	36	34	32	31	29	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear					Clear								→		
Sunrise: Time, 6.33 Character, Clear																					Sunset: Time, 5.18 Character, Clear			
Sunshine (in tenths of hours)							.45 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.30 0						
Wind direction	NW	NW	NW	N	N	N	N	N	NE	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	3	2	3	3	3	3	3	3	6	6	6	6	5	7	6	6	6	5	5	6	8	10	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	22	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 10.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 131

Average hourly velocity, 5.5

Maximum velocity, 13 Direction, E Began 11.50 PM

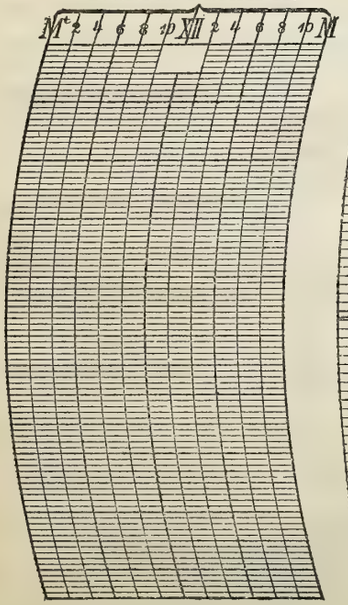
Extreme velocity, 13-E-11.50 PM

Relative humidity, 82 a. m. 70 p. m.

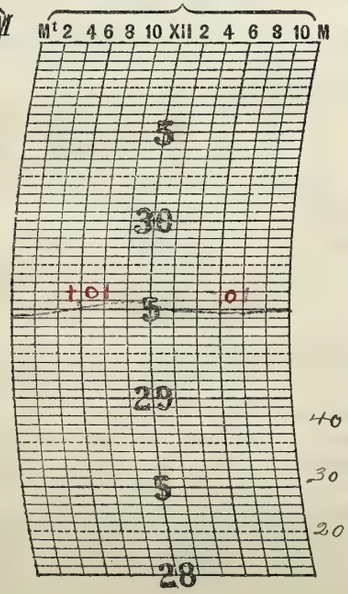
Reduced barometer, 30.50 a. m. 30.43 p. m.

River gage, 14.7 ft.

THERMOGRAPH.



BAROGRAPH.



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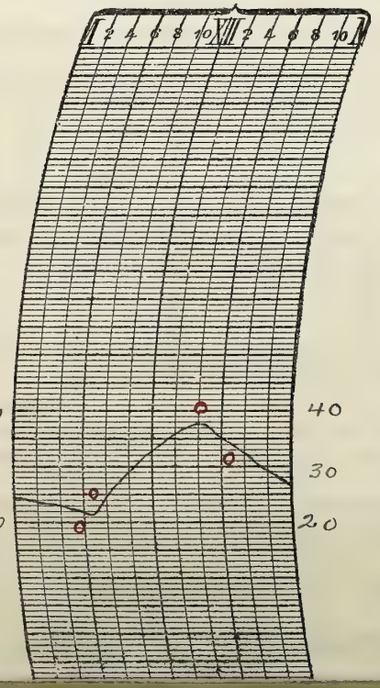


NOTES.

Prepared by } H. T. Collman
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 18 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	25	25	24	23	23	24	27	31	34	38	39	40	41	41	40	37	34	30	28	27	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Partly Clear									Clear						→			
Sunshine (in tenths of hours)	Sunrise: Time, 6.31 Character, Clear						.48 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.32 0			Sunset: Time, 5.19 Character, Clear			
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E	E	E	E
Wind movement	11	12	11	12	11	11	12	12	13	11	11	12	14	13	13	14	12	10	14	14	14	12	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

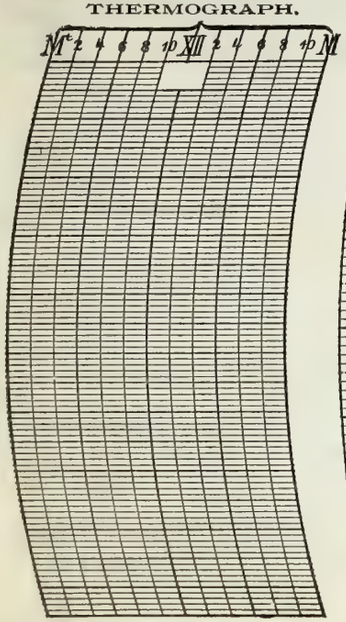
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	41	23	32	

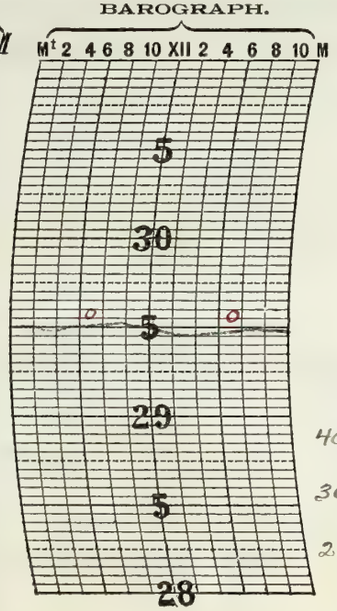
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 10.8
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 291
Average hourly velocity, 12.1
Maximum velocity, 17 Direction, NE Time, Began 7.29 PM
Extreme velocity, 18-NE-7.29 PM
Relative humidity, 82 a. m. 62 p. m.
Reduced barometer, 30.47 a. m. 30.42 p. m.
River gage, 13.4 ft.

NOTES

THERMOGRAPH.



BAROGRAPH.



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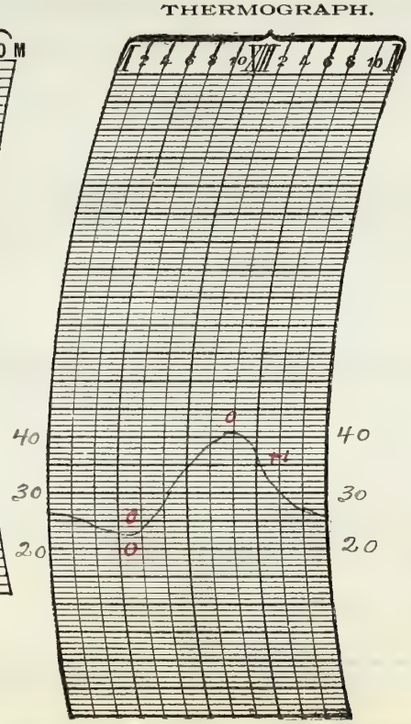


Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	25	26	26	26	26	27	31	35	37	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←	Cloudy				
Sunrise: Time, 6.30 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0
Wind direction	E	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	9	8	10	11	10	10	10	9	8	5	6	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	45	46	47	47	45	43	39	37	34	33	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						×	Partly		→			
Sunset: Time, 5.20 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	9	9	10	9	8	9	11	10	6	7	6	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	25	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.4

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 59

Prevailing direction E

Total movement, 205

Average hourly velocity, 8.6

Maximum velocity, 13 Direction, E Time. Began 6.59 P.M.

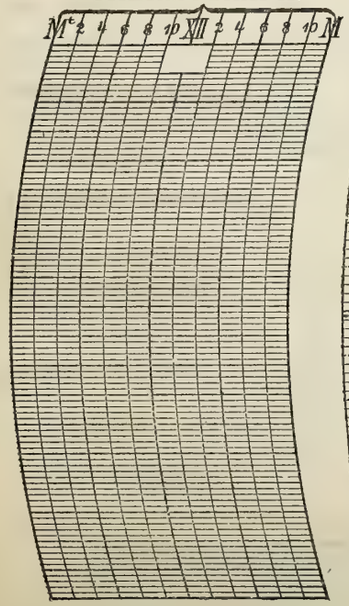
Extreme velocity, 13-E-6.59 P.M.

Relative humidity, 78 a. m. 76 p. m.

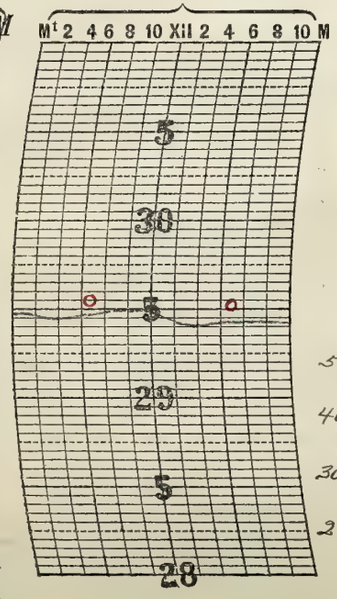
Reduced barometer, 30.44 a. m. 30.37 p. m.

River gage, 11.3 ft

THERMOGRAPH.



BAROGRAPH.



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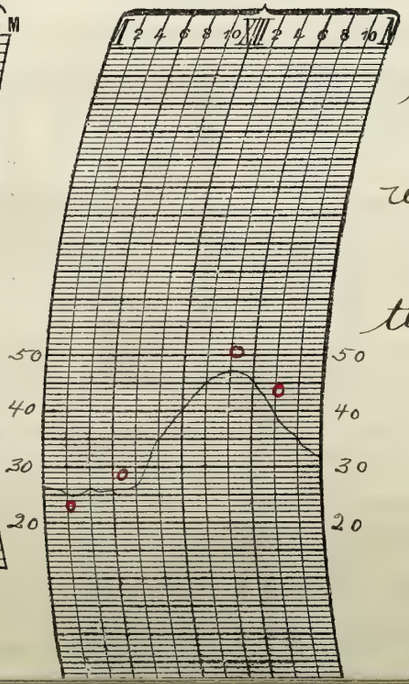


NOTES.

Ci. and Ci. St. clouds were observed during the forenoon and afternoon.
An ordinary solar halo of 22° circle was observed from 10.00 A.M. to 1.30 P.M.
A faint lunar halo was observed in the evening from 6.15 P.M. to 9.00 P.M.

Prepared by } H. T. Collman
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 20 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	29	29	29	28	28	34	37	41	47	49	51	53	54	54	51	49	48	47	46	44	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Pt Cldy							Pt Cldy				×	Clear			→		
Sunrise: Time, 6.29 Character, Cloudy																					Sunset: Time, 5.21 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	6	8	6	5	6	6	7	7	4	4	5	4	4	5	4	4	3	5	6	6	5	3	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
54	28	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 7.3

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 67

Prevailing direction E.

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity, 9 Direction, NE Time. Began 6.42 A.M.

Extreme velocity, 9-NE-6.42 A.M.

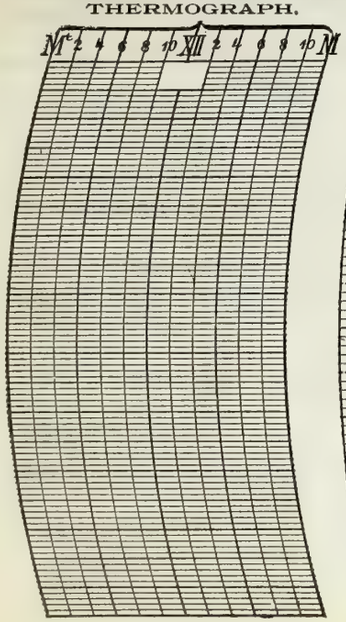
Relative humidity, 79 a. m. 52 p. m.

Reduced barometer, 30.37 a. m. 30.29 p. m.

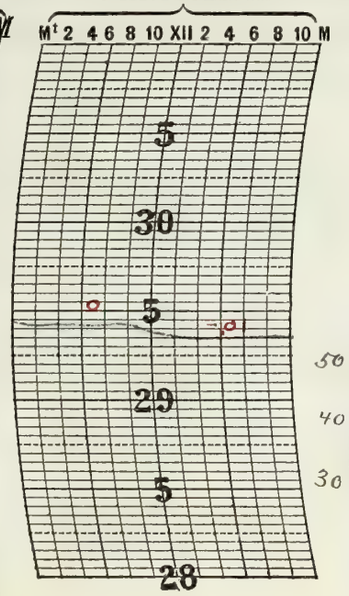
River gage, 9.0 ft.

NOTES

THERMOGRAPH.



BAROGRAPH.



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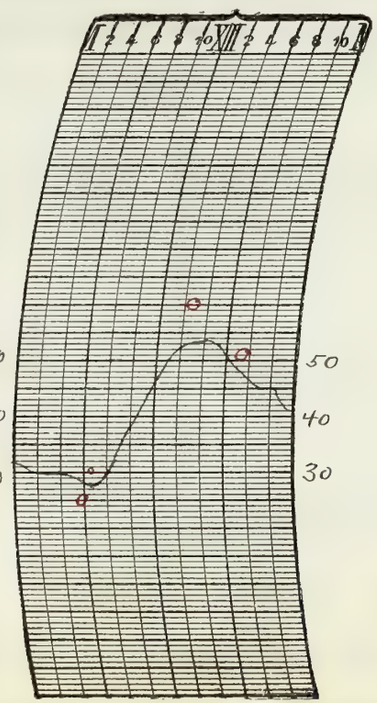


Prepared by
Verified by } J. F. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible] 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	36	34	33	33	32	35	40	47	50	52	52	53	53	52	52	51	49	49	47	45	45	44
State of weather: Nature of precipitation and time of beginning and ending																				RB 7.30				
Amounts of precipitation																				T	T	T	T	.01
Cloudiness and other conditions						← Pt Cldy				Clear			* Pt Cldy			* Cloudy								
Sunrise: Time, 6.27 Character, Cloudy																					Sunset: Time, 5.22 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0	0.3	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	S	SE	S	S	S	SE	SE	E	SE	SE	SE	SE	S
Wind movement	3	4	4	5	7	7	6	7	6	4	8	8	11	12	10	9	7	5	6	9	11	6	6	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	32	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase, First Quarter

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.5

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 41

Prevailing direction E

Total movement, 170

Average hourly velocity, 7.1

Maximum velocity, 16 Direction, S Time. Began 1.59 P.M.

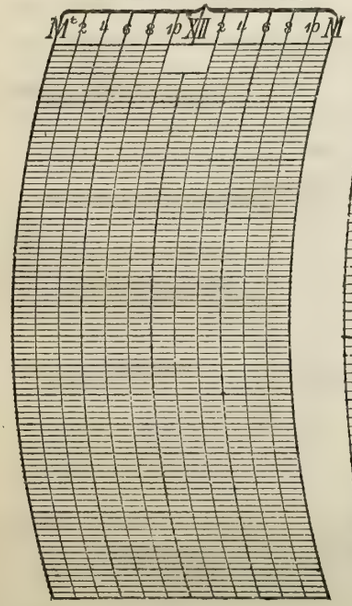
Extreme velocity, 16-S-1.59 P.M.

Relative humidity, 84 a. m. 44 p. m.

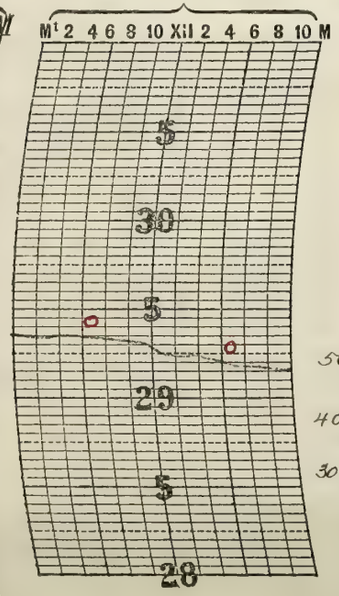
Reduced barometer, 30.27 a. m. 30.10 p. m.

River gage, 7.0 ft.

THERMOGRAPH.



BAROGRAPH.



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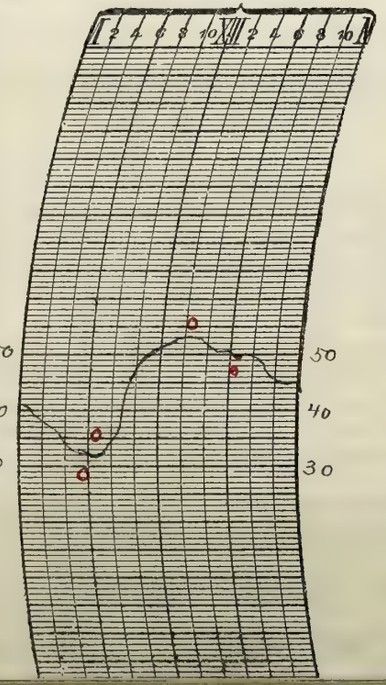


NOTES

Prepared by } H. T. Collman
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	45	45	45	45	45	45	45	46	47	48	50	52	53	53	54	54	53	51	50	49	47	47	47
State of weather: Nature of precipitation and time of beginning and ending			RF DR																					RS DR
Amounts of precipitation	.02	T	T																					T
Cloudiness and other conditions								Cloudy								Cloudy								
Sunrise: Time, 6.26 Character, Cloudy																					Sunset: Time, 5.24 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.1	0.2	0	0						
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	E	E	E	E	E	E
Wind movement	11	11	11	11	8	8	10	10	9	9	8	8	9	8	8	6	5	5	3	5	5	7	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

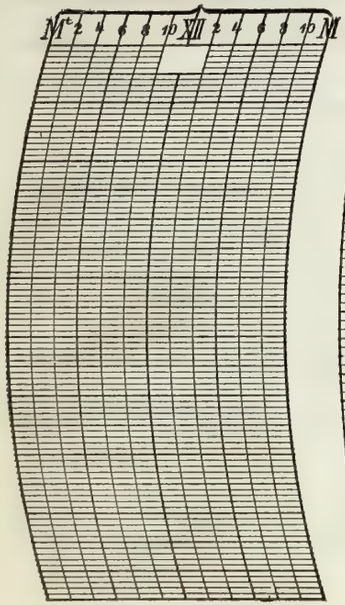
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

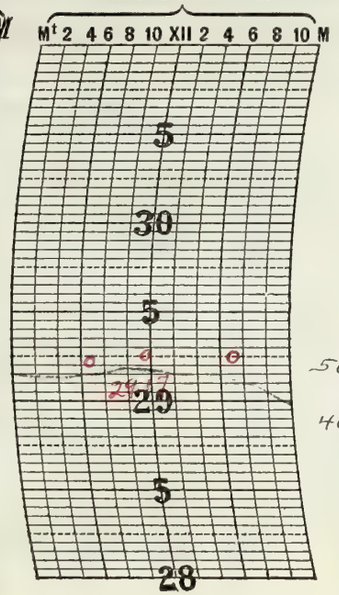
	Maximum.	Minimum.	Mean.	Normal.
Temperature	54	43	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.3
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 3
Prevailing direction SW
Total movement, 196
Average hourly velocity, 8.2
Maximum velocity, 14 Direction, S Time. Began 1.51 AM
Extreme velocity, 14-S-1.51 AM
Relative humidity, 100 a. m. 88 p. m.
Reduced barometer, 30.08 a. m. 30.04 p. m.
River gage, 6.0 ft.

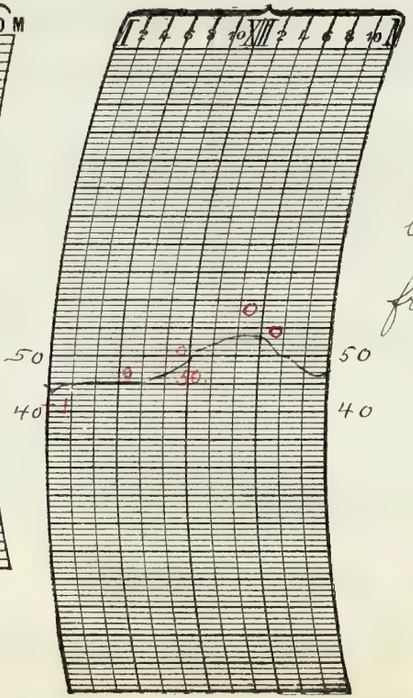
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light fog {BD N A. / E 7.20 A.M.

A faint lunar halo was observed between open spaces in stratus clouds from 7.30 P. to 7.35 P.

Prepared by } J. F. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	49	52	53	52	52	53	55	54	55	56	58	57	55	50	48	47	45	43	42	42	40	40	40
State of weather: Nature of precipitation and time of beginning and ending								RF 7.15																
Amounts of precipitation	.05	.04	T	T	.04	.05	.02	T																
Cloudiness and other conditions								Cloudy					Pt Cldy						Cloudy					

Sunrise: Time, 6.24; Character, Cloudy

Sunset: Time, 5.25; Character, Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)							0	0	0	0.1	0.1	0.4	1.0	1.0	1.0	0.7	0	0						
Wind direction	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	9	12	12	13	17	20	17	18	18	21	27	27	27	22	20	21	22	20	19	20	19	21
Maximum velocities (exceeding 29 miles) direction and time												30 SW 11.32	30 SW 12.16	35 SW 1.14	35 SW 2.44	30 SW 3.44			31 SW 6.19					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
58	40	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 4.3

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 39

Prevailing direction SW

Total movement, 438

Average hourly velocity, 18.2

Maximum velocity, 35 Direction, SW Time. Began 1.14 P.M.

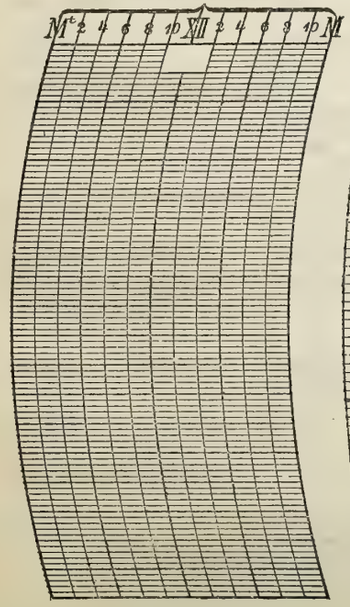
Extreme velocity, 36 - SW - 1.14 P.M.

Relative humidity, 100 a. m. 74 p. m.

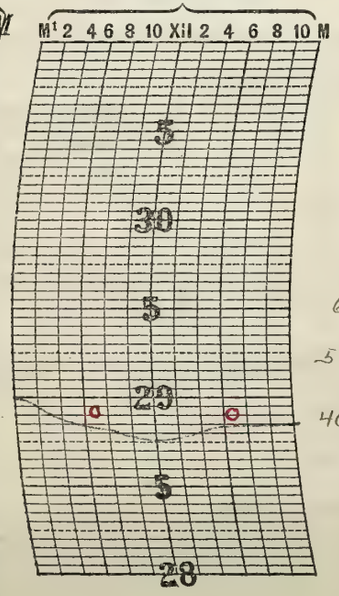
Reduced barometer, 29.73 a. m. 29.78 p. m.

River gage, 5.6 ft

THERMOGRAPH.



BAROGRAPH.



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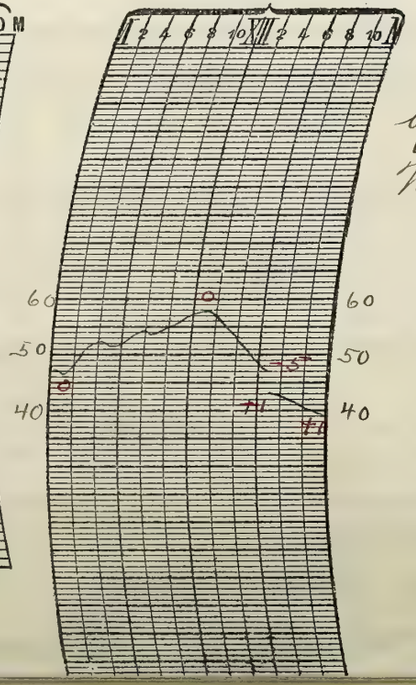


NOTES.

High winds prevailed during the middle of the day and evening diminishing by midnight

Prepared by } H.T. Collman
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 24 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	37	36	35	35	35	35	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending								RB 7.40			RE 11.00	S d B 11.00
Amounts of precipitation								T	T	T	T	T
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6.23 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	16	18	15	13	16	15	15	15	16	16	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	32	31	32	32	32	32	31	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	T	T	T	T	--	--	--	--	--
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									5.26 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW
Wind movement	19	17	15	15	13	11	12	11	13	12	12	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	30	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 0

Prevailing direction SW.

Total movement, 347

Average hourly velocity, 14.5

Maximum velocity, 23 Direction, SW Began 2.52 A.M.

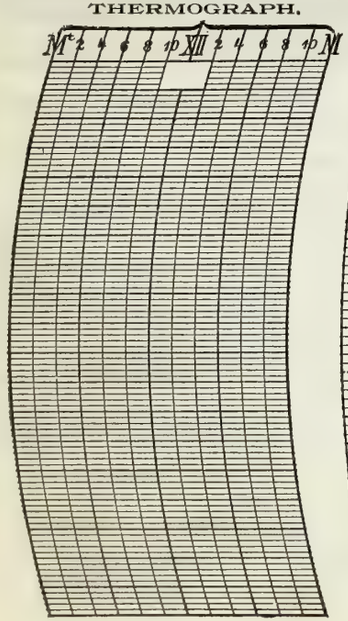
Extreme velocity, 24-SW-2.52 A.M.

Relative humidity, 79 a. m. 94 p. m.

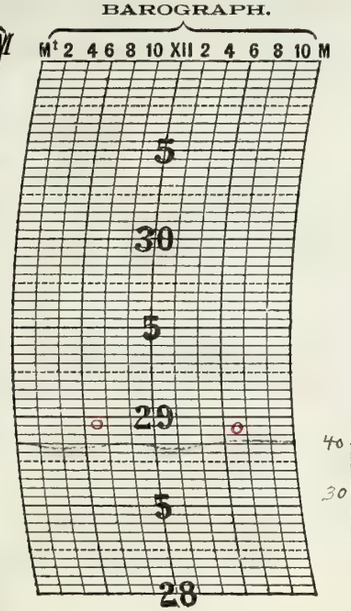
Reduced barometer, 29.77 a. m. 29.82 p. m.

River gage, 6.7 ft

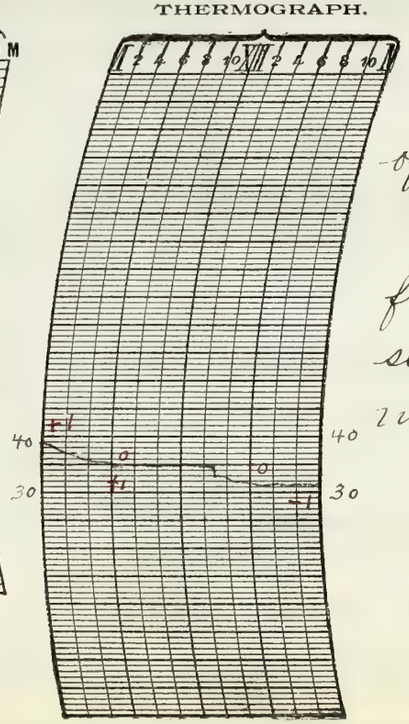
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light rain and mist fell during part of the forenoon.

Dry snow was in the air and fell in flurries from 11.00 A. to 4.00 P. when the snowfall became slightly heavier and it continued till after midnight.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 25 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	30	31	31	32	32	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending	SE DN					RB DN	RE 7.00	SB 7.00		SE 9.45		
Amounts of precipitation	T					T	T	T	T	T		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6.21 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	14	14	14	15	16	15	17	15	13	14	15	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	30	29	29	29	29	27	26	26	25
State of weather: Nature of precipitation and time of beginning and ending					SB 4.00 SE 4.50							
Amounts of precipitation					T							
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									5.27 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	20	20	18	23	21	21	18	15	15	16	15	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	25	29	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 0

Prevailing direction NW.

Total movement, 397

Average hourly velocity, 16.5

Maximum velocity, 28 Direction, NW Time. Began 3.27 P.M.

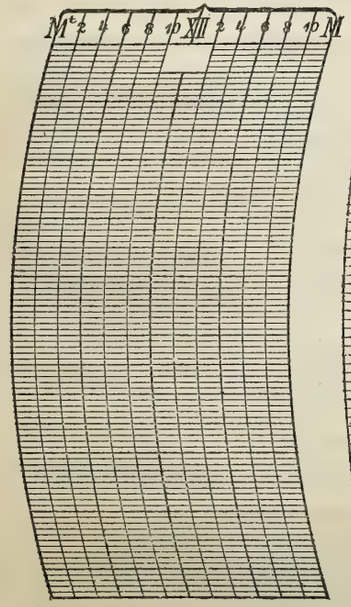
Extreme velocity, 29 - NW - 3.27 P.M.

Relative humidity, 94 a. m. 90 p. m.

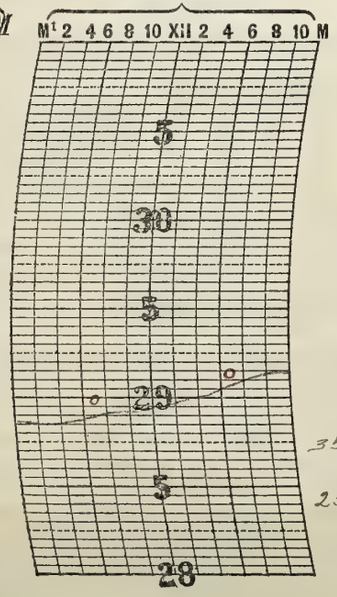
Reduced barometer, 29.84 a. m. 30.03 p. m.

River gage, 6.8 ft.

THERMOGRAPH.



BAROGRAPH.



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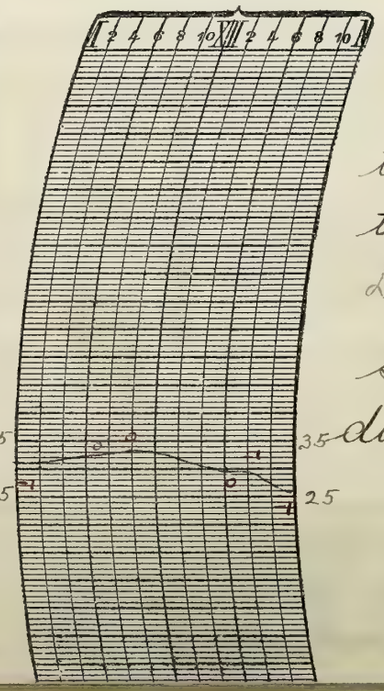


NOTES

Light rain fell during the early morning turning to snow at 7.00 A.M. which continued in flurries till 9.45 A.M.
Dry snow fell in flurries from 4.00 P. to 4.50 P.
Strong, gusty, northwest winds prevailed during the afternoon.

Prepared by } H.T. Bollman.
Verified by }

Form No. 1012—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 26 1915, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	24	23	23	25	25	26	28	30	32	32	33	34	33	31	29	26	24	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				×	Pt Cldy		×					Clear						
Sunshine (in tenths of hours)							0	0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2 47 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	13	13	13	12	13	12	11	13	13	16	16	18	17	17	17	17	14	12	13	11	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.20 Character, Cloudy

Sunset: Time, 5.28 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	34	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 8.5

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 77

Prevailing direction NW

Total movement, 321

Average hourly velocity, 13.4

Maximum velocity, 21 Direction, NW Began 12.50 PM.

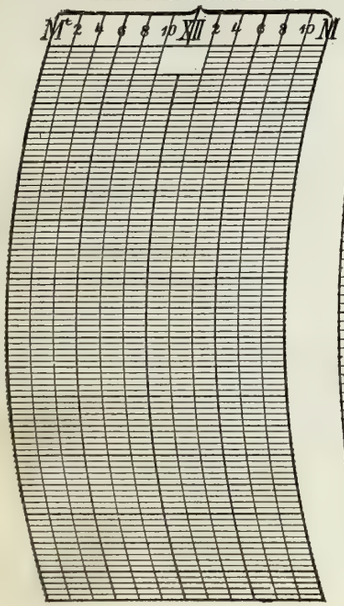
Extreme velocity, 22-NW-12.50 P.M.

Relative humidity, 70 a. m. 63 p. m.

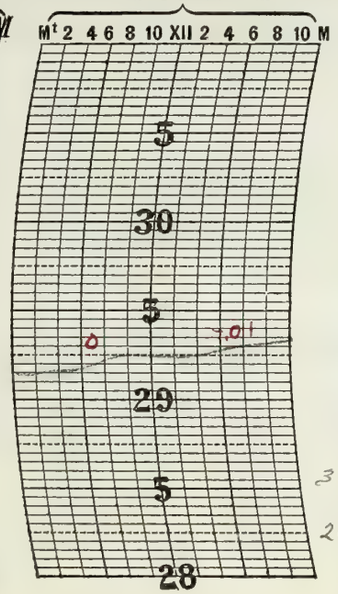
Reduced barometer 30.18 a. m. 30.24 p. m.

River gage, 6.6 ft

THERMOGRAPH.



BAROGRAPH.



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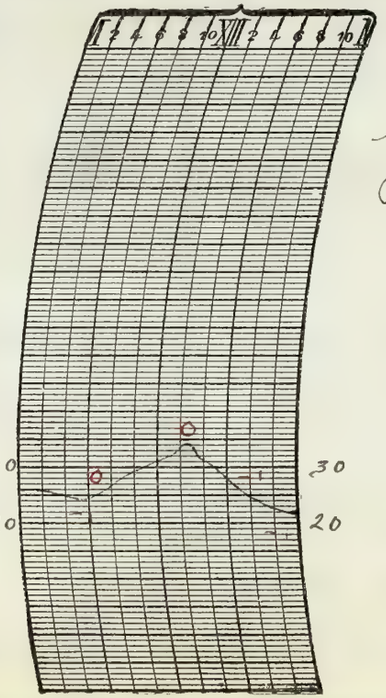


NOTES

The sky was overcast till 8.30 A.M. when the clouds began to break away and it became partly cloudy at 9.30 A.M. and clear at 12.15 P.

A chilly wind blew during the day.

Bright moon-light in evening.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 11 1905, 191

Time (local standard), 10 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	20	19	18	18	17	18	20	23	27	29	32	34	36	37	37	36	34	32	30	28	27	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear					Partly					
Sunrise: Time, Character,	6.19 Clear																				Sunset: Time, Character,			5.29 Clear
Sunshine (in tenths of hours)							.68 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.48 0						
Wind direction	N	N	N	NW	N	N	N	N	N	N	N	NE	NE	N	N	N	N	N	N	N	N	N	N	N
Wind movement	7	7	7	6	6	6	7	7	7	8	8	10	8	9	9	10	10	7	6	8	8	8	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	17	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 184

Average hourly velocity, 7.7

Maximum velocity, 13 Direction, N Began 2.56 PM

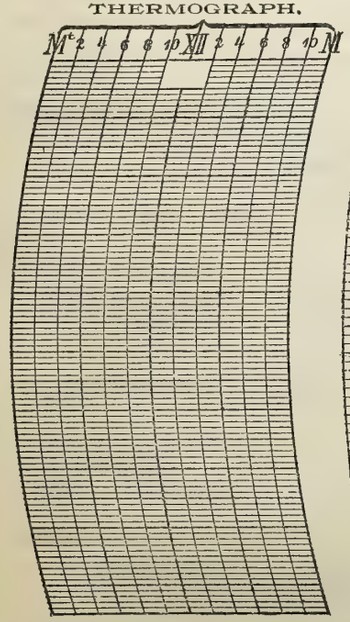
Extreme velocity, 13-N-2.56 PM

Relative humidity, 73 a. m. 55 p. m.

Reduced barometer, 30.35 a. m. 30.33 p. m.

River gage, 6.2 ft.

THERMOGRAPH.



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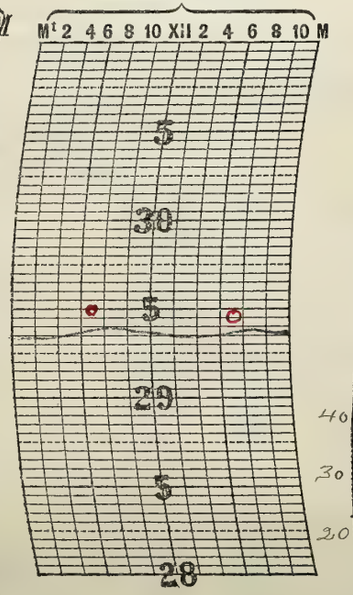
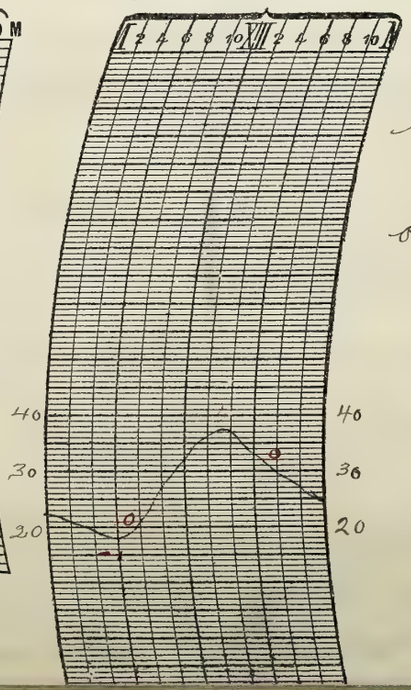


THERMOGRAPH.



NOTES.

The sky was cloudless from sunrise to 6.00 P.M.

A distinct lunar halo of 22° circle was observed from 6.50 P.M. to D.N.P.

Moon-light in evening.

Prepared by } J.H.T. Collman
Verified by

Form No. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 22 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	23	21	20	19	18	18	21	24	27	29	31	32	33	34	34	33	31	30	27	27	25	24	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Clear	×	Pt Cldy		×		Cloudy					×		Clear				
Sunrise: Time, 6.17 Character, Clear																					Sunset: Time, 5.31 Character, Cloudy			
Sunshine (in tenths of hours)							.72 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0						0
Wind direction	N	NE	NE	N	N	N	N	N	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	9	8	9	8	8	7	4	7	6	8	8	8	9	9	10	8	9	6	5	6	6	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	34	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 9.9

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 88

Prevailing direction N.

Total movement, 173

Average hourly velocity, 7.2

Maximum velocity, 12 Direction, N Began 1.50 P.M.

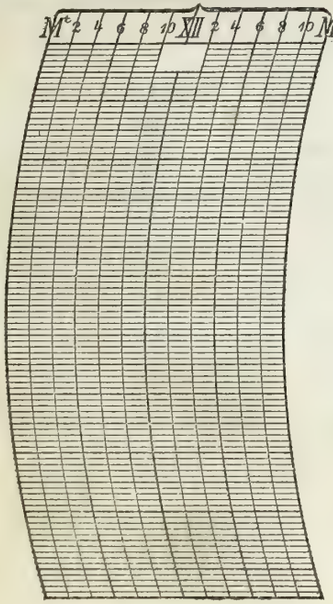
Extreme velocity, 12-N-1.50 P.M.

Relative humidity, 65 a. m. 67 p. m.

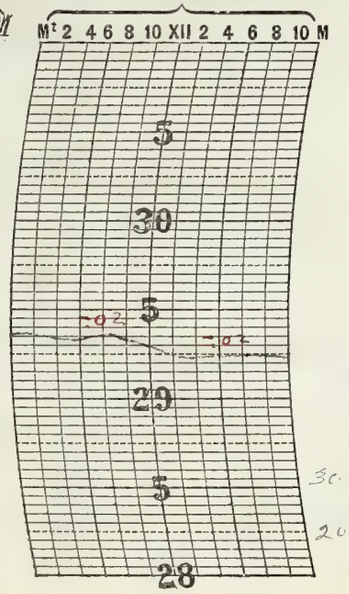
Reduced barometer, 30.29 a. m. 30.19 p. m.

River gage,

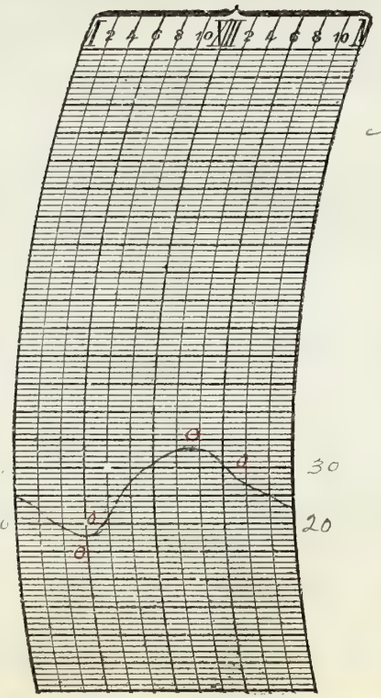
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A brilliant solar halo of 22° circle was observed from 12.20 P. to 4.00 P.M. Ci. + Ci. St. clouds prevailed during the day. Bright moon-light in evening.

Prepared by
Verified by } J. H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible] 1 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	22	22	20	20	21	21	25	28	31	34	36	37	39	40	40	39	37	36	32	33	32	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunshine (in tenths of hours)							.75 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	N	NW	NW	NW	W	NW	W	W	W	W	W	W	W	W	SW	W	W	W	SW	SW	SW	SW	SW	W
Wind movement	6	6	5	5	5	4	5	5	6	9	9	11	13	15	16	16	13	9	8	9	8	9	10	12

Sunrise: Time, 6.15 Character, Clear

Sunset: Time, 5.32 Character, Clear

Maximum velocities (exceeding 21.9 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	40	20	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 214

Average hourly velocity, 8.9

Maximum velocity, 19 Direction, W Time. Began 3.12 P.M.

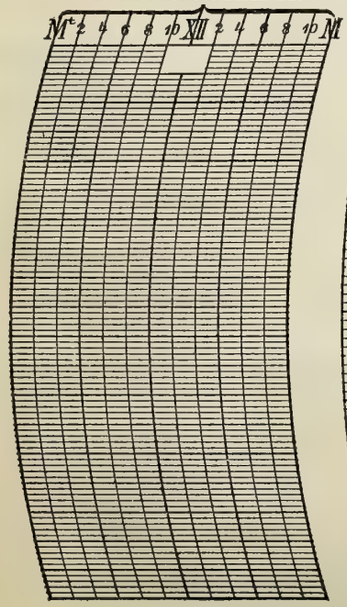
Extreme velocity, 20-W-3.12 P.M.

Relative humidity, 80 a. m. 52 p. m.

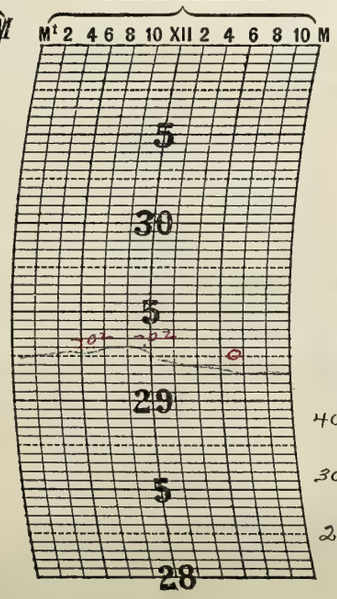
Reduced barometer, 30.21 a. m. 30.12 p. m.

River gage, 4.8 ft

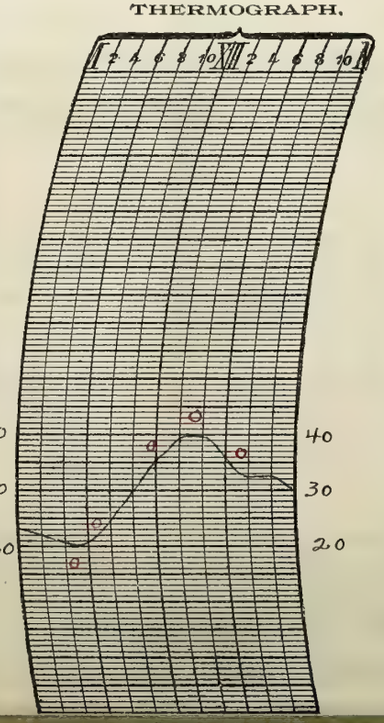
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Bright Moon-light in evening

The sky was cloudless from Sunrise to Sunset.

Prepared by
Verified by } J.H.T. Collman.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 3 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	28	27	27	27	29	31	32	33	34	36	34	34	35	34	34	33	31	28	26	24	23	22
State of weather: Nature of precipitation and time of beginning and ending													M SB 12.20	SE 1.10										
Amounts of precipitation													T	T										
Cloudiness and other conditions							← Cloudy								Cloudy ×				Clear →					
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.1	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	N
Wind movement	11	10	9	11	11	9	9	11	11	12	13	13	15	15	13	12	12	11	9	8	7	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.14; Character, Cloudy

Sunset: Time, 5.33; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	36	22	29	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.1

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 1

Prevailing direction W - SW.

Total movement, 257

Average hourly velocity, 10.7

Maximum velocity, 17 Direction, W Time. Began 1.58 PM

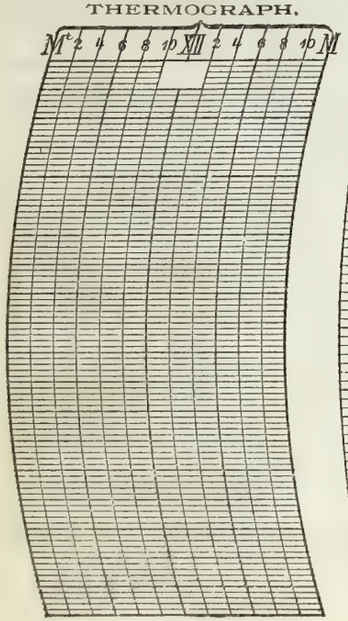
Extreme velocity, 18-W-1.58 PM.

Relative humidity, 74 a. m. 58 p. m.

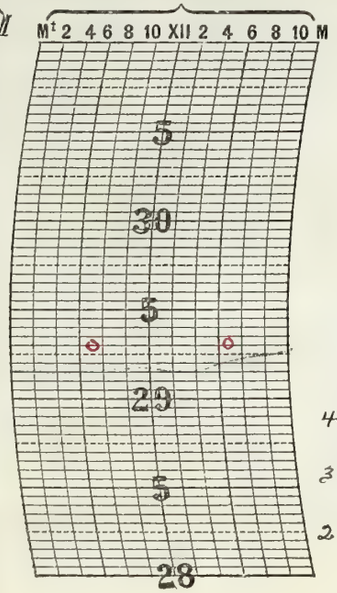
Reduced barometer, 30.12 a. m. 30.15 p. m.

River gage, 4.3 ft.

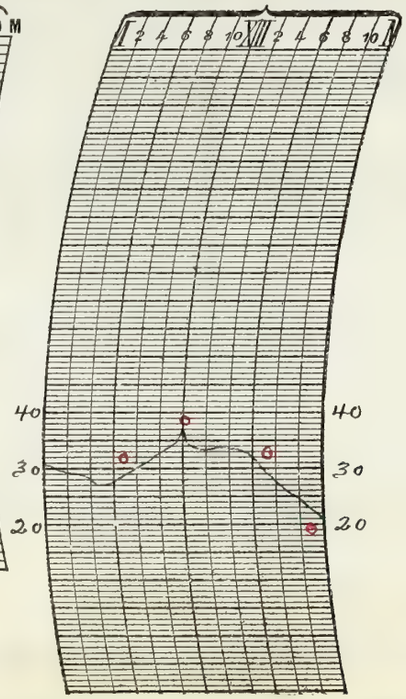
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sky cleared at 5.30 P.M.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	18	17	16	15	14	15	16	16	19	22	25	27	29	31	31	31	30	28	26	25	24	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear		→ Pt cldy					← Clear									→		
Sunrise: Time, 6.12 Character, Clear																					Sunset: Time, 5.34 Character, Clear			
Sunshine (in tenths of hours)							.80 0	0.1 0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.57 0						
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	E	NE
Wind movement	7+	8+	9+	7+	9+	8+	10+	10	10	7	11	10	12	11	10	10	9	10	10	8	6	7	7	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	31	14	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.1

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 89

Prevailing direction NE.

Total movement, 218

Average hourly velocity, 9.1

Maximum velocity, 15 Direction, NE Time. Began 1.18 PM

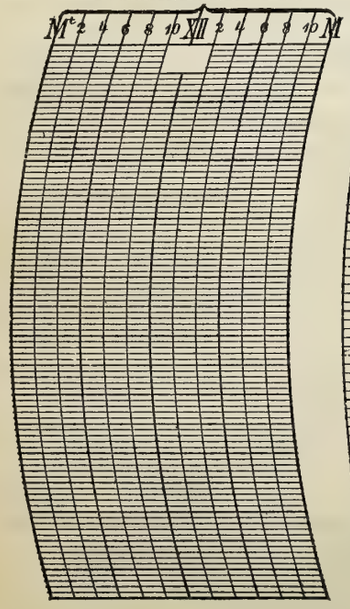
Extreme velocity, 15 = NE - 1.18 P.M.

Relative humidity, 72 a. m. 63 p. m.

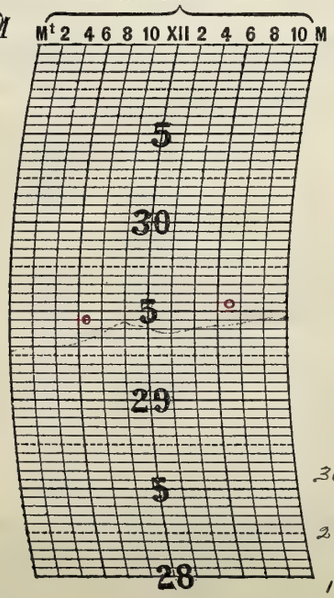
Reduced barometer, 30.36 a. m. 30.40 p. m.

River gage, 3.9 ft.

THERMOGRAPH.



BAROGRAPH.



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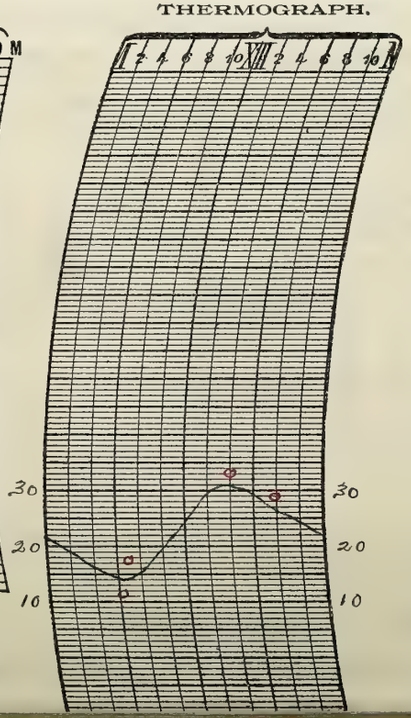


NOTES.

+ estimated, short-circuited at intervals

Prepared by } H. T. Collman
Verified by }

Form No. 1014—Met-1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 4 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	21	21	19	19	19	20	22	24	27	29	31	32	32	32	32	31	30	29	28	27	27	26	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy								Cloudy										
Sunrise: Time, 6.10 Character, Cloudy																					Sunset: Time, 5.35 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	1.0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	9	11	13	15	16	13	17	19	20	17	19	22	21	21	23	21	20	21	24	24	22	25	23
Maximum velocities (exceeding 29 miles) direction and time																				30 NE 7.44	30 NE 8.55		32 E 10.44	30 NE 11.15

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	19	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 5.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 47

Prevailing direction NE.

Total movement, 448

Average hourly velocity, 18.6

Maximum velocity, 32 Direction, E Began 10.44 PM

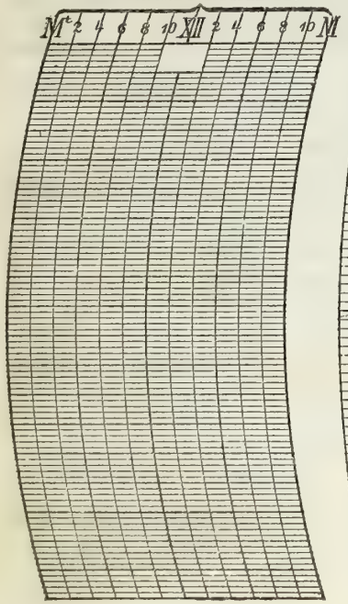
Extreme velocity, 36-E-10.44 PM

Relative humidity, 82 a. m. 72 p. m.

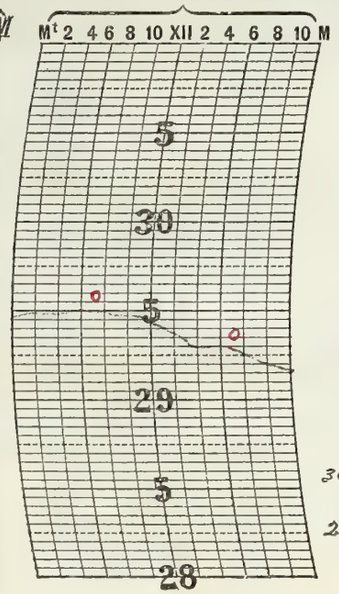
Reduced barometer, 30.45 a. m. 30.23 p. m.

River gage, 3.7 ft.

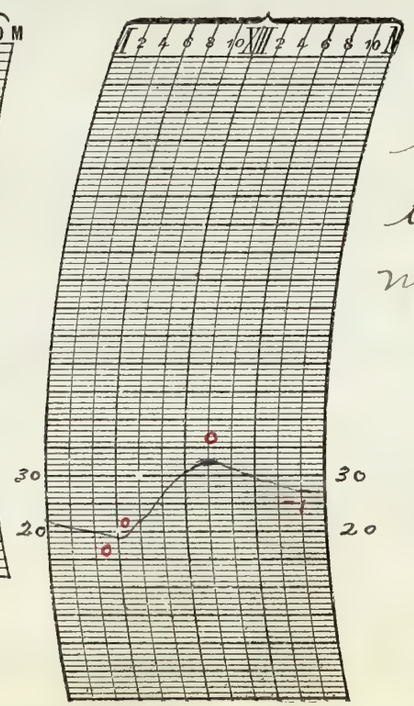
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ Estimated cirrus out of order.

NOTES.

A. St. clouds during the day.

Strong, gusty NE winds prevailed during the day becoming high and shifting by night.

Prepared by
Verified by } J. H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible] 5 [illegible], 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26 28	28	28	29	29	29	31	31	31	32	33
Nature of precipitation and time of beginning and ending			Slt RB DN						Slt RE 8.20 SL.R.S 8.20	Slt R+ 10.00	R+S 10.00 S E 10.55 RB 10.55	
Amounts of precipitation			--	--	--	--	--	--	--	--	--	.05
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6.07 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	E	NE	E	E	E	E	E	E	E	E
Wind movement	24	25	22	23	22	18	17	14	14	11	11	10
Maximum velocities (exceeding 29 miles) direction and time		30 NE 1.40		31 NE 3.52								

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	33	33	33	34	34	37	38	37
Nature of precipitation and time of beginning and ending				RE 3.10					RB 8.20			
Amounts of precipitation			T	T	.01				.03	.01	T	T
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									5.36 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	NE	NE	NE	NE	E	E	E	E	SE	S
Wind movement	10	10	9	11	10	7	5	5	5	4	6	9

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	38	26	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 302

Average hourly velocity, 12.6

Maximum velocity, 31 Direction, NE Time. Began 3.52 AM

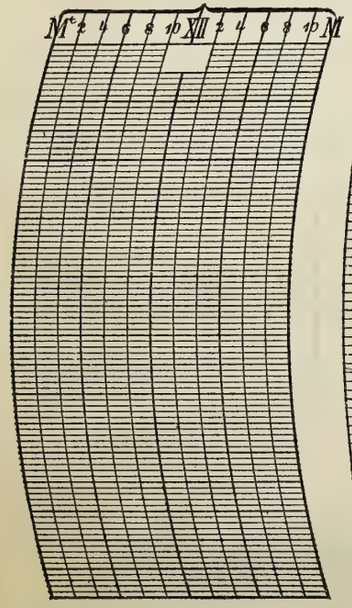
Extreme velocity, 32 NE 3.52 AM

Relative humidity, 100 a. m. 100 p. m.

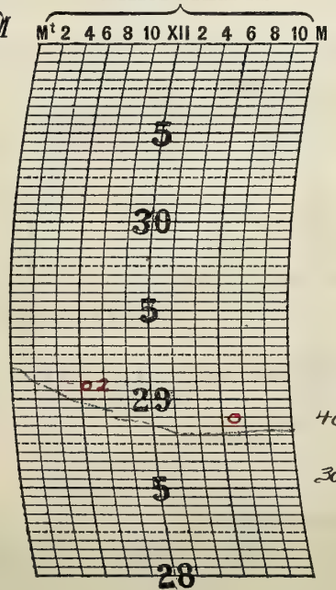
Reduced barometer, 29.97 a. m. 29.77 p. m.

River gage, 3.6 ft

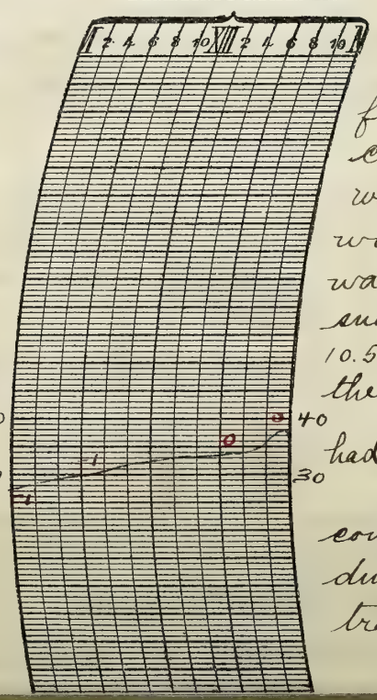
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Light fog { 3.45 P.M. E D N P.M.

Sleet, and rain which froze after it had fallen, began during the early morning and continued to 8.20 A.M. Trees, wires, streets and walks were covered with a coat of ice. The streets and walks were very slippery in the morning making walking quite difficult. Rain with some sleet and moist snow fell during part of the forenoon and rain only fell after 10.55 A.M. The streets and walks were wet and slushy during the afternoon and evening.

The transportation, telegraph, and telephone companies had but little trouble on account of the rain, snow and sleet storm.

The high, gusty and shifting winds of the previous evening continued during the early morning and diminished during the forenoon. They caused some of the railroad trains to be somewhat delayed.

Prepared by } H. T. Collman.
Verified by }

Form No. 1011—Met. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	35	34	33	32	32	32	33	33	34	34
State of weather: Nature of precipitation and time of beginning and ending						RE DN SN						
Amounts of precipitation	T	T	T	.01	T	.01	T	T	T	T	T	T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0.2	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	9	6	6	11	7	6	8	10	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	33	33	33	33	32	31	31	30	30	30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	T	T	T	T	--	--	--	--	--
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	11	9	9	7	7	7	7	7	7	9	6	5

Sunrise: Time, 6.07 Character, Cloudy

Sunset: Time, 5.37 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	30	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 3

Prevailing direction SW

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity, 15 Direction, SW Time. Began 11.38 AM

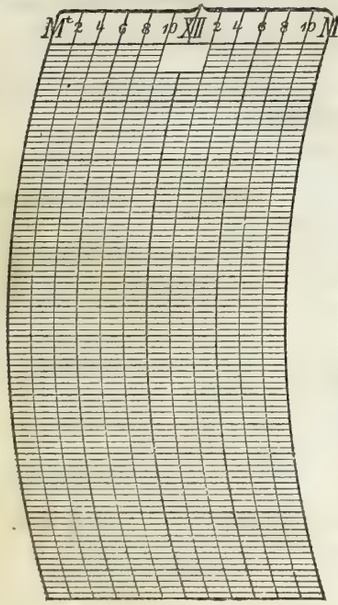
Extreme velocity, 15 SW 11.38 A.M.

Relative humidity, 100 a. m. 96 p. m.

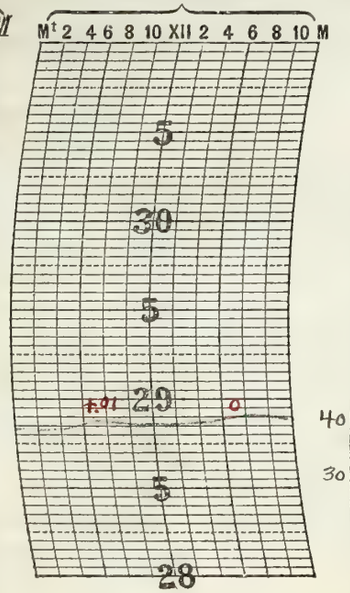
Reduced barometer, 29.84 a. m. 29.86 p. m.

River gage, 3.6 ft.

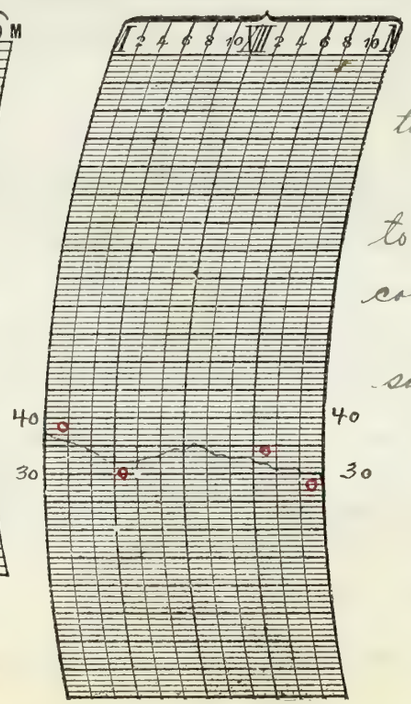
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sun shone for short intervals during the day.

The rain, during the early morning, turned to snow. The snowfall during the day consisted of snowflurries.

Streets and walks wet from rain and melting snow.

Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR [illegible], 191

Time (local standard) 10 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	29	29	28	29	28	29	29	31	34	34	35	36	35	34	33	33	31	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending											m SE 10.20								m SB 6.00	SE 7.15				
Amounts of precipitation	--	--	--	--	--	--	--	T	T	T	T								T	T				
Cloudiness and other conditions						Cloudy									Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	0.6	0.3	0	0	0	0						
Wind direction	SW	SW	SW	SW	W	NW	NW	NW	NW	N	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	5	5	4	4	4	4	4	4	6	5	7	9	10	11	11	11	12	9	9	12	8	9	10	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.06 Character, Cloudy

Sunset: Time, 5.39 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

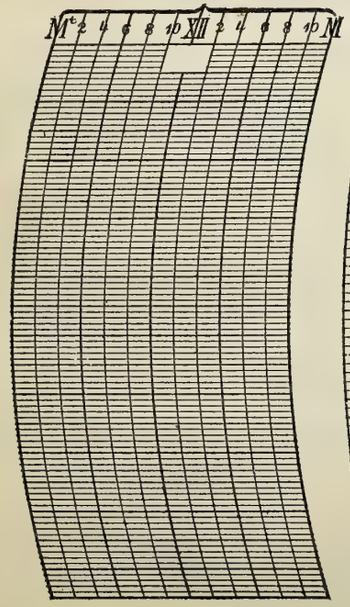
Maximum.	Minimum.	Mean.	Normal.
36	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 1.3
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 11
Prevailing direction N
Total movement, 179
Average hourly velocity, 7.5

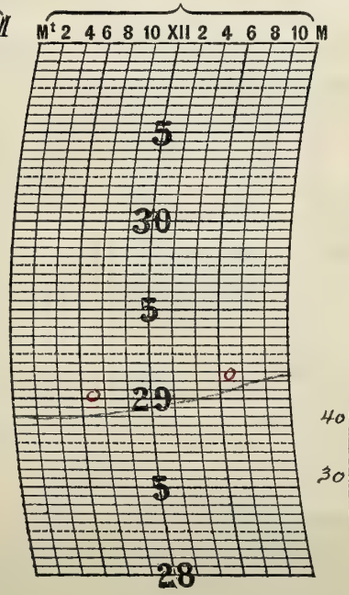
Maximum velocity,	Direction,	Time.
15	N	Began 7.18 PM

Extreme velocity, 15 – N – 7.18 PM.
Relative humidity, 93 a. m. 95 p. m.
Reduced barometer, 29.86 a. m. 30.02 p. m.
River gage, 3.6 ft.

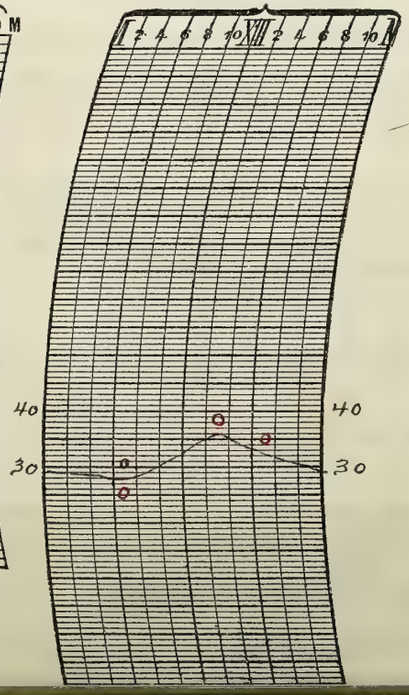
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sun shone for short intervals during the day.

Prepared by } J.H.T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 8 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	28	27	26	25	24 25	26	29	31	32	33	35	36	37	36	35	33	32	30	29	29	28	27
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						Clear						→			
Sunshine (in tenths of hours)							.83 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.57 0.1						
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	NW	NW
Wind movement	9	9	11	9	9	7	7	8	10	14	12	13	13	11	13	12	12	9	6	5	5	5	5	5
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6.04; Character, Clear

Sunset: Time, 5.40; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
37	24	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear — Moon phase, Last Quarter

Average daily cloudiness (0–10), Few

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 219

Average hourly velocity, 9.1

Maximum velocity, 16 — Direction, NE — Began 9.40 A.M.

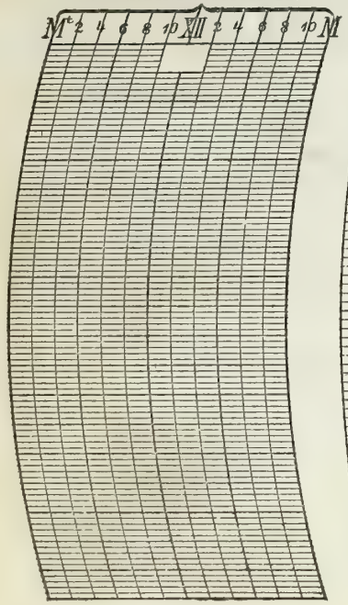
Extreme velocity, 16-NE-9.40 A.M.

Relative humidity, 68 a. m., 56 p. m.

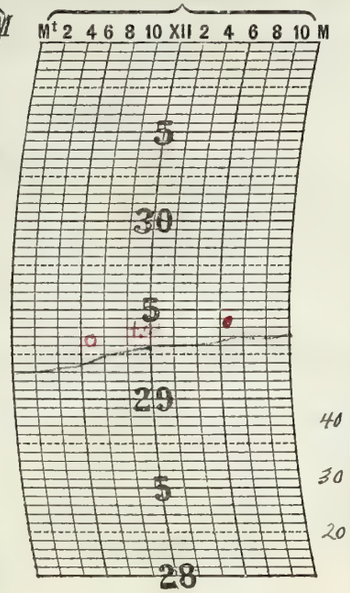
Reduced barometer, 30.22 a. m., 30.22 p. m.

River gage, 3.7 ft.

THERMOGRAPH.



BAROGRAPH.



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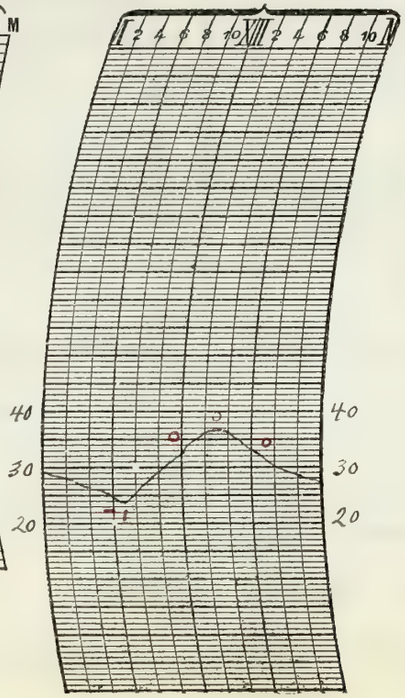


NOTES.

Few St clouds were observed from 10.00 A.M. to Noon. (12.00 M)

Prepared by } J. W. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR. 31 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

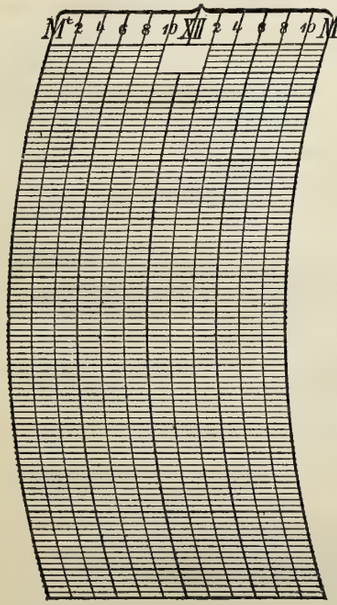
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	25	25	24	24	26	29	34	37	40	43	45	46	46	46	45	43	40	38	37	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						Clear							→		
Sunrise: Time, 6.02 Character, Clear																					Sunset: Time, 5.41 Character, Clear			
Sunshine (in tenths of hours)							.97 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.68 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	NW	W	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	5	5	6	5	5	5	4	6	6	9	10	11	13	12	13	12	12	8	8	7	6	7	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

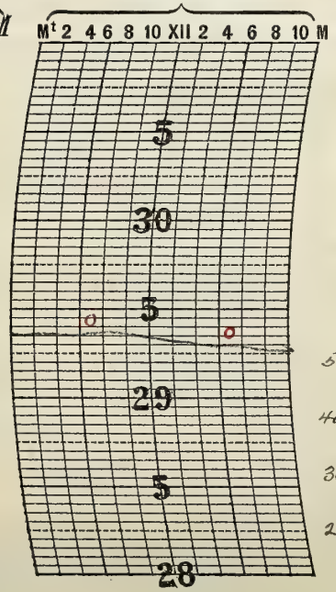
Maximum.	Minimum.	Mean.	Normal.
46	24	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 11.6
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 100
Prevailing direction NW.
Total movement, 192
Average hourly velocity, 8.0
Maximum velocity, 16 Direction, W Time. Began 2.44 PM.
Extreme velocity, 16-W-2.44 PM
Relative humidity, 75 a. m. 53 p. m.
Reduced barometer, 30.35 a. m. 30.23 p. m.
River gage, 4.0 ft.

THERMOGRAPH.



BAROGRAPH.



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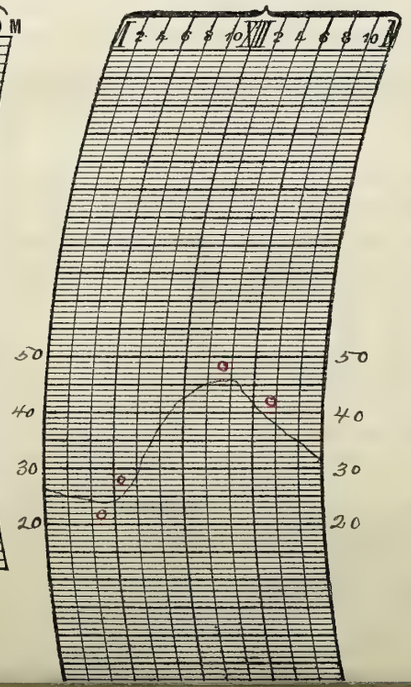


NOTES.

The sky was cloudless from sunrise to sunset.

Prepared by } J. H. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	29	28	28	27	28	30	33	35	37	41	43	44	45	45	43	40	38	35	34	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy				×	Clear				Clear							→		
Sunrise: Time, Character,	6.01 Cloudy																							
Sunset: Time, Character,																					5.42 Clear			
Sunshine (in tenths of hours)							3	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.60 0.1						
Wind direction	W	W	W	W	W	W	W	W	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	8	8	9	10	10	9	10	11	10	11	10	13	15	15	17	15	14	12	11	10	8	8	9	8
Maximum velocities (exceeding 27 miles) direction and time																								

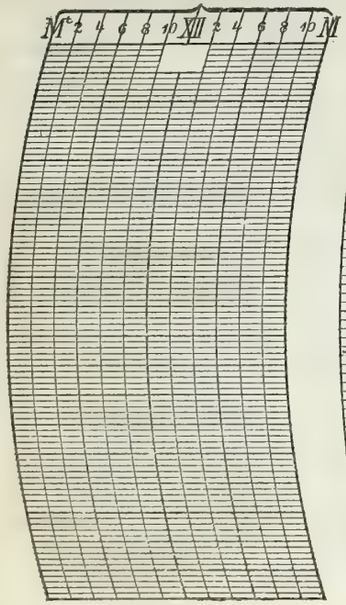
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
45	27	36	

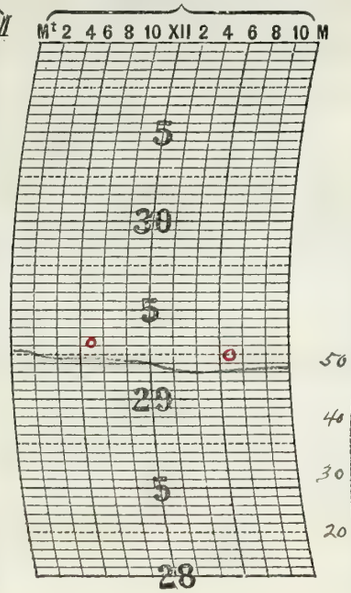
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 9.1
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 78
Prevailing direction W
Total movement, 261
Average hourly velocity, 10.9

Maximum velocity, 19 Direction, NW Time. Began 2.26 P.M.
Extreme velocity, 19-NW-2.26 P.M.
Relative humidity, 76 a. m. 58 p. m.
Reduced barometer, 30.17 a. m. 30.10 p. m.
River gage, 4.0 ft.

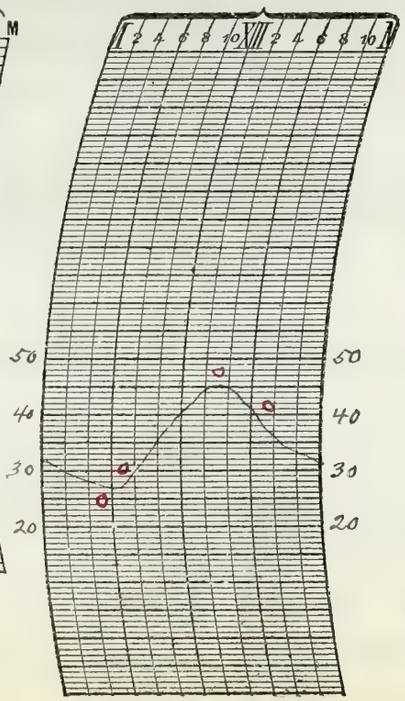
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by } H. T. Colluran
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	29	28	28	27	29	31	32	32	33	36	38	39	40	41	40	39	37	34	33	30	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt Cloudy								Pt Cloudy							→			
Sunrise: Time, Character,	5.59 Cloudy																							
Sunset: Time, Character,																					5.43 Clear			
Sunshine (in tenths of hours)						0	0	0.4	0.8	0.6	0.1	0.2	0.8	1.0	1.0	0.9	0.9 (0.1)	0 (.72)						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	8	9	8	8	9	8	10	13	13	12	12	14	15	16	13	13	9	7	10	10	9	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

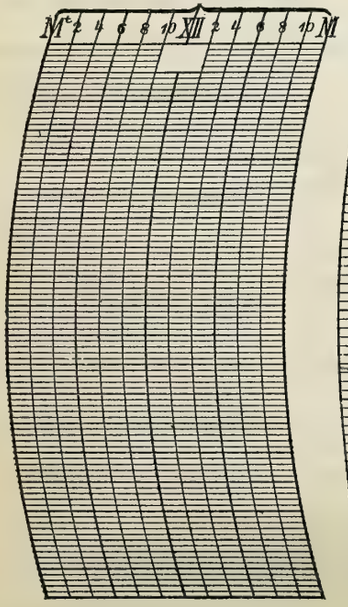
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

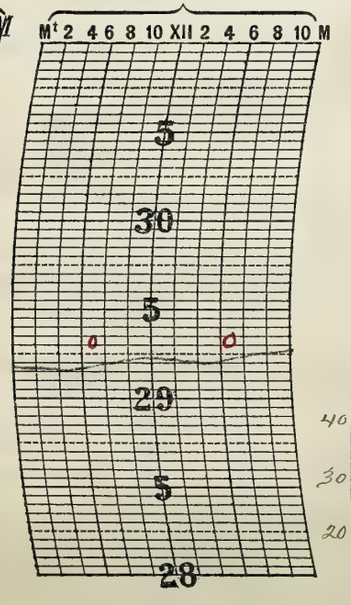
	Maximum.	Minimum.	Mean.	Normal.
	41	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 7.5
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 64
Prevailing direction NW
Total movement, 250
Average hourly velocity, 10.4
Maximum velocity, 18 Direction, NW Began 2.26 PM
Extreme velocity, 19-NW-2.27 PM
Relative humidity, 89 a. m. 74 p. m.
Reduced barometer, 30.12 a. m. 30.18 p. m.
River gage, 4.0 ft

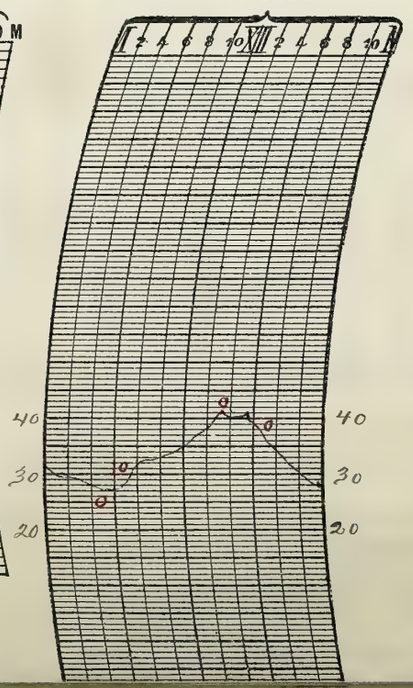
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 12 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	26	25	25	25	25	29	30	32	34	39	42	43	44	44	43	42	40	40	39	37	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear							Clear								→			
Sunshine (in tenths of hours)						.05 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.73 0						
Wind direction	NW	N	NW	N	NW	NW	NW	N	N	N	N	N	N	NE	N	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	7	5	6	5	4	4	5	5	6	5	7	7	8	7	6	7	5	5	4	4	2	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.57; Character, Clear

Sunset: Time, 5.44; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	44	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 100

Prevailing direction

Total movement, 122

Average hourly velocity, 5.1

Maximum velocity, 11 Direction, N Time. Began 12.36 PM

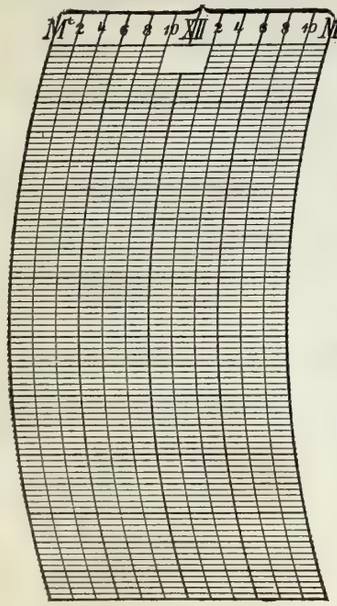
Extreme velocity, 11 - N - 12.36 PM

Relative humidity, 84 a. m. 48 p. m.

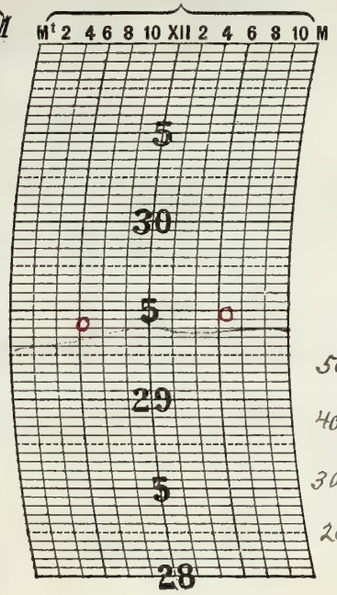
Reduced barometer, 30.32 a. m. 30.33 p. m.

River gage, 4.0 ft.

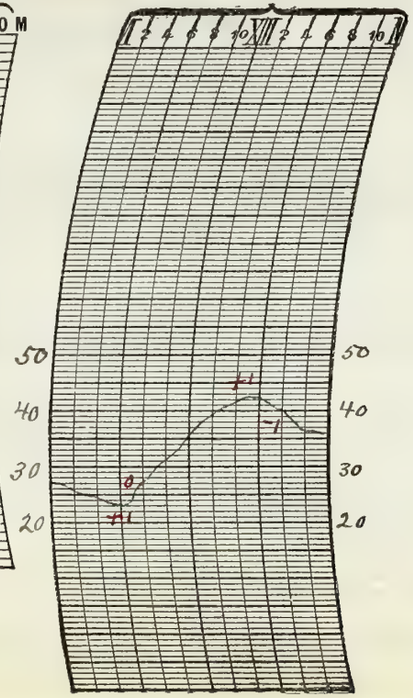
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Sky was cloudless from sunrise to sunset.

Prepared by
Verified by } H. P. Collins

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	33	32	32	32	30	32	37	42	46	49	49	50	51	51	51	50	48	46	45	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy									Cloudy							→		
Sunrise: Time, 5.36 Character, Cloudy																					Sunset: Time, 5.45 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	NW	SW	SW	W	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	4	3	3	3	3	3	4	7	8	7	6	5	7	6	5	5	5	4	3	1	1	4	2	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	30	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 6.2

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 53

Prevailing direction SE.

Total movement, 101

Average hourly velocity, 4.2

Maximum velocity, 10 Direction, SW Time. Began 1.26 P.M.

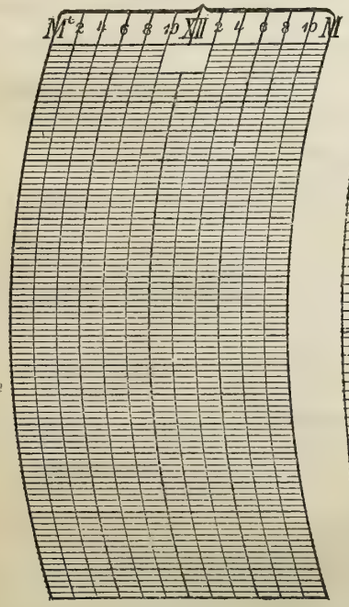
Extreme velocity, 10 - SW - 1.26 P.M.

Relative humidity, 56 a. m. 48 p. m.

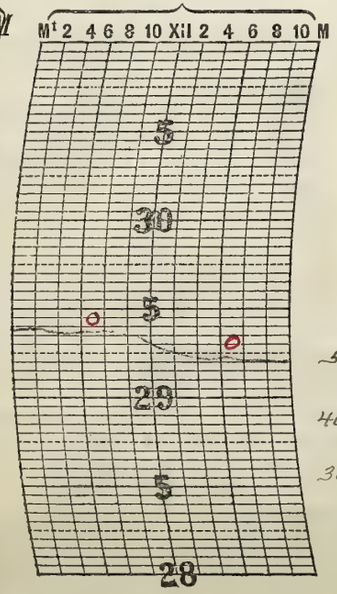
Reduced barometer, 30.34 a. m. 30.16 p. m.

River gage, 3.9 ft.

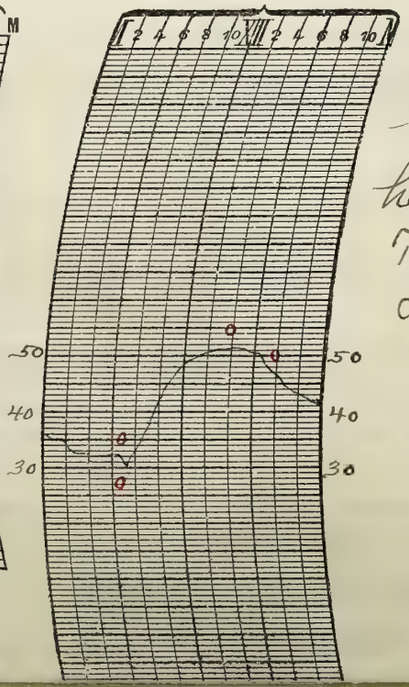
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A St. and ci. St. clouds were observed during the forenoon with a solar halo of 22° circle from 10.30 A.M. to 11.45 A.M. The solar halo was rather faint. A. Cu. Clouds were observed during the afternoon.

Prepared by } H.T. Bollman.
Verified by

Form No. 1012—Mar. 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 14 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	37	35	34	34	34	36	40	43	45	48	49	52	50	51	50	50	48	47	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						Pt Cldy			Cloudy									
Sunrise: Time, 5.54 Character, Clear																					Sunset: Time, 5.46 Character, Cloudy			
Sunshine (in tenths of hours)						.10 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0	0						0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	E	E	E	E	SE
Wind movement	3	4	4	4	4	4	4	3	6	7	7	8	7	7	6	5	4	3	3	3	4	4	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 9.1

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 76

Prevailing direction N

Total movement, 113

Average hourly velocity, 4.7

Maximum velocity, 11 Direction, NW Time. Began 11.23 AM

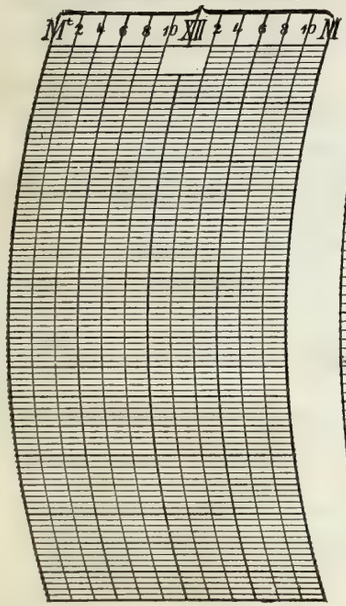
Extreme velocity, 11 - NW - 11.23 AM.

Relative humidity, 76 a. m. 48 p. m.

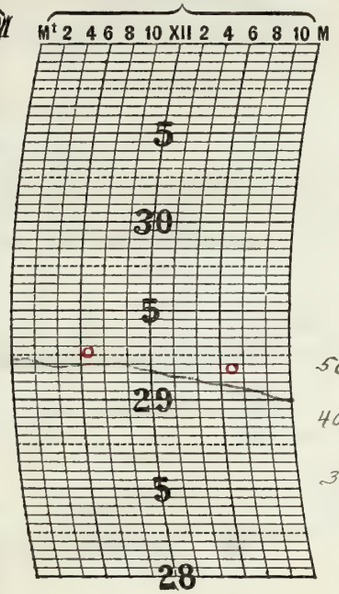
Reduced barometer, 30.13 a. m. 30.01 p. m.

River gage, 3.9 ft.

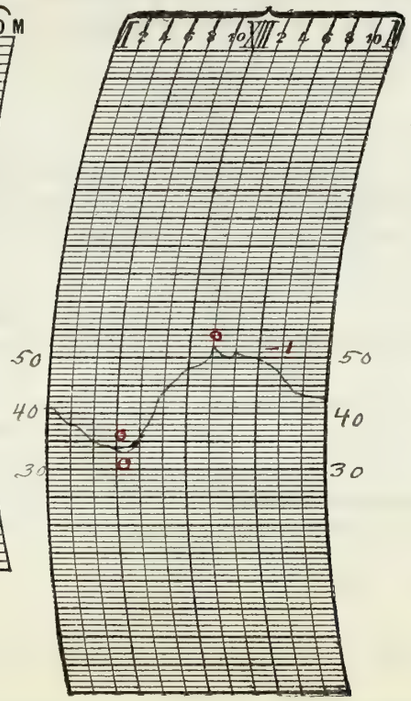
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

The weather was rather pleasant during the day

Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	41	41	41	40	39	37	37	37	38	38
State of weather: Nature of precipitation and time of beginning and ending					RB DN			RE 7.35				
Amounts of precipitation					T	.03	.03	T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5.53 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	S	S	S	S	W	W	W	W	W	W
Wind movement	5	5	6	7	7	7	9	10	11	10	11	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	38	38	37	37	35	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 5.47 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	12	11	11	10	10	9	6	6	5	6	5	6
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase, New Moon.

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity, 16 Direction, SW Time. Began 6.44 AM

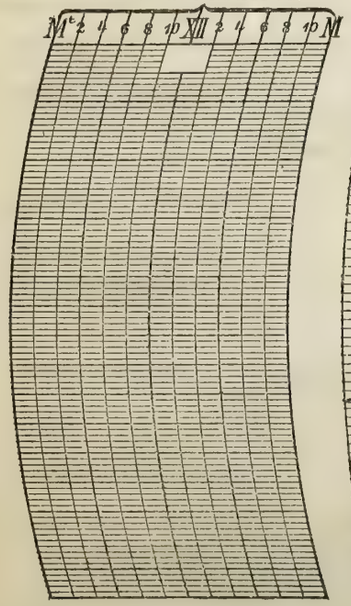
Extreme velocity, 16-SW-6.44 AM.

Relative humidity, 94 a. m. 84 p. m.

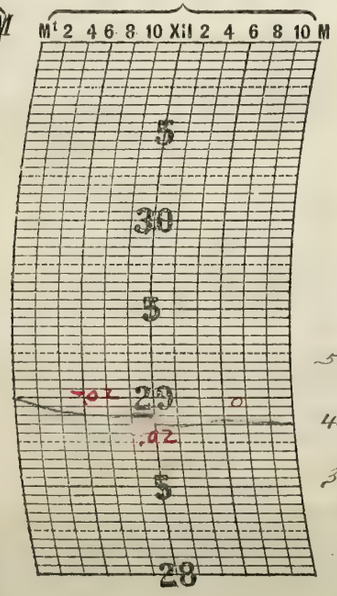
Reduced barometer, 29.81 a. m. 29.80 p. m.

River gage, 3.6 ft.

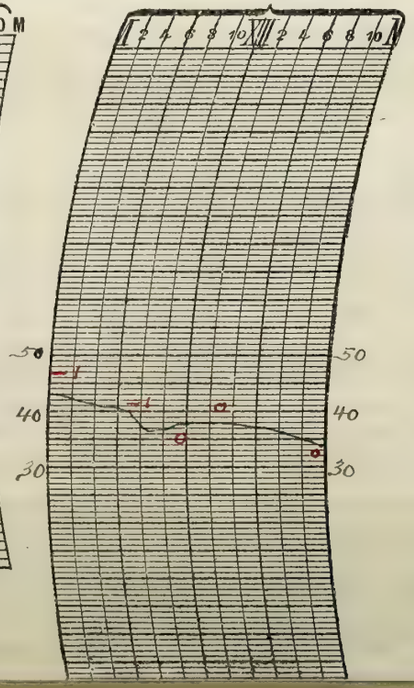
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by
Verified by J.H.T.C.

Form No. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 16 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	32	32	31	31	30	30	32	34	35	37	38	39	40	39	38	36	34	32	31	30	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy ×					Clear						Clear									
Sunrise: Time, 5.51 Character, Cloudy																					Sunset: Time, 5.48 Character, Clear			
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.70 0.1							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	14	14	13	15	16	16	16	18	18	21	17	17	15	16	15	13	11	8	7	7	7	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 1 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 11.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 92

Prevailing direction N. NE.

Total movement, 318

Average hourly velocity, 13.2

Maximum velocity,	Direction,	Time.
2.8	NE	Began 10.33 AM

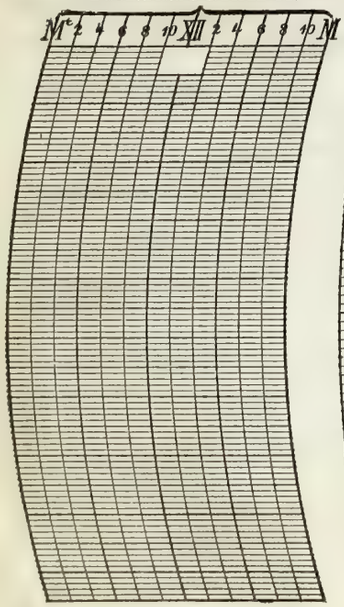
Extreme velocity, 29 NE-10.33 AM.

Relative humidity, 44 a. m. 49 p. m.

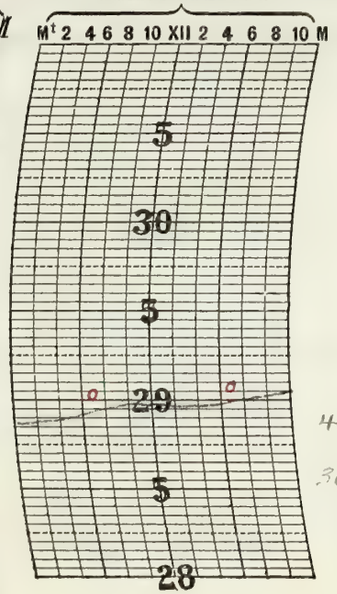
Reduced barometer, 29.89 a. m. 29.95 p. m.

River gage, 3.6 ft.

THERMOGRAPH.



BAROGRAPH.



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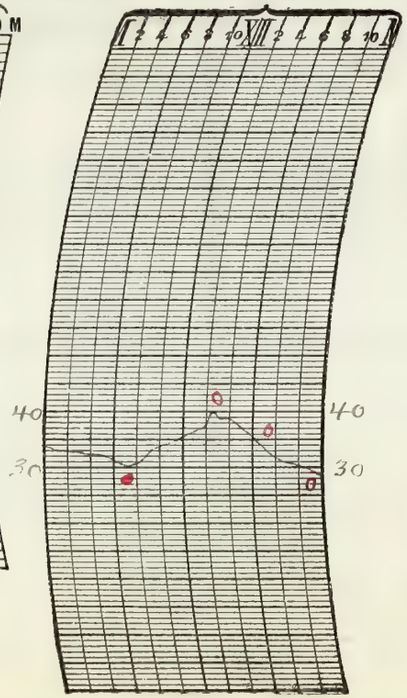


NOTES

Cloudy to 6.15 AM.
Sunrise, Cloudy.
Sunshine at 6.45 A.M.
The sky was cloudless from 7.15 A.M. to 1.00 P.M.
Few st. clouds were observed during the afternoon.

Prepared by } H. F. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 17 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	27	26	23	21	22	22	26	29	31	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear			×	
Sunshine (in tenths of hours)						.18 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	N	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	8	6	4	7	6	9	9	9	9	10	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	38	39	38	38	37	35	32	30	30	30	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Partly Cloudy	×			Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	.8 2 0						
Wind direction	NW	NW	W	NW	W	NW	NW	NW	NW	NW	W	W
Wind movement	10	11	11	11	10	9	7	7	5	4	4	2

Sunrise: Time, 5.49 Character, Clear

Sunset: Time, 5.50 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time 7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	21	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 100

Prevailing direction NW.

Total movement, 187

Average hourly velocity, 7.8

Maximum velocity, 14 Direction, W Time. Began 1.18 P.M.

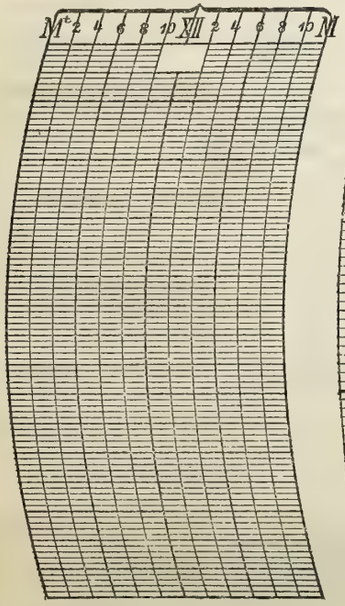
Extreme velocity, 14-W-1.18 P.M.

Relative humidity, 75 a. m. 57 p. m.

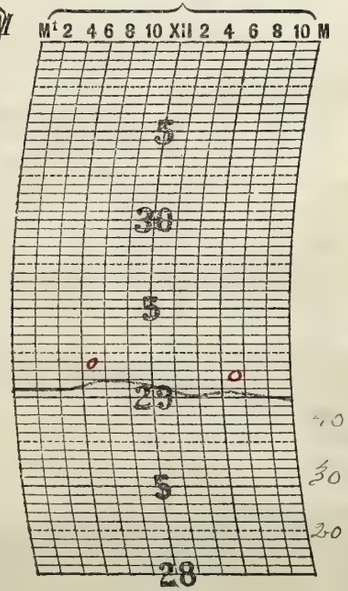
Reduced barometer 30.04 a. m. 29.96 p. m.

River gage, 3.5 ft

THERMOGRAPH.



BAROGRAPH.



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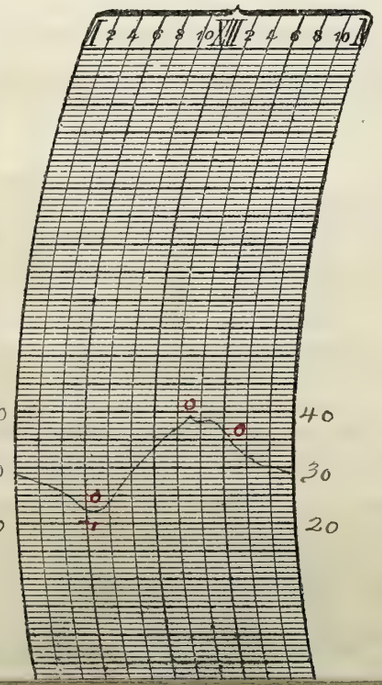


NOTES

H. St. clouds were observed during the day

Prepared by } J. H. T. Collman.
Verified by }

Form No. 1012—Mes 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 1 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	29	29	27	28	29	34	35	37	40	40	39	40	40	40	40	40	39	37	37	35	33
State of weather: Nature of precipitation and time of beginning and ending										S 9.45 SE 10.00														
Amounts of precipitation										T														
Cloudiness and other conditions						← Cloudy									Cloudy									→
Sunrise: Time, 5.48 Character, Cloudy																					Sunset: Time, 5.51 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0.6	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	NE	NE	E	SE	S	E	NE	S	S	SW	SW	SW	SW	S	S	SE	S	SE	E
Wind movement	4	3	2	3	2	3	3	4	3	3	4	4	10	11	7	4	4	5	5	5	5	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	27	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7.9

Actual sunshine, hours, 1.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 8

Prevailing direction S

Total movement, 104

Average hourly velocity, 4.3

Maximum velocity, 13 Direction, S Began 1.11 P.M

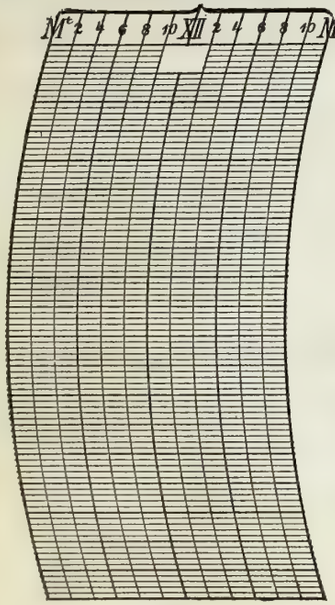
Extreme velocity, 13 - S - 1.11 P.M

Relative humidity, 75 a. m. 57 p. m.

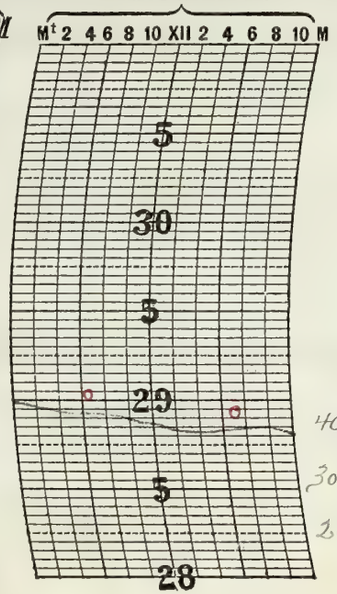
Reduced barometer, 29.84 a. m. 29.76 p. m.

River gage, 3.7 ft

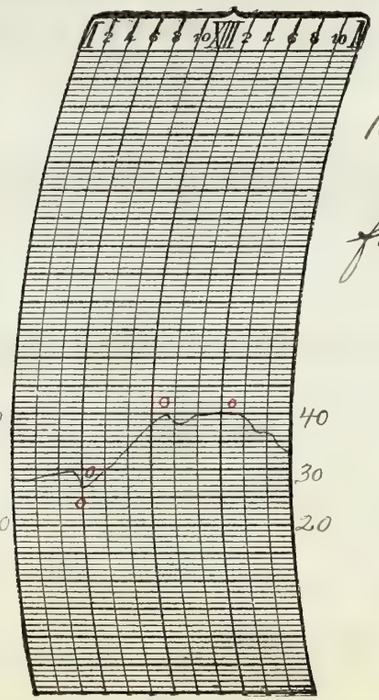
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Snow flurries occurred from 9.45 A.M. to 10.00 A.M.

The sun shone for a short interval from 10.35 A.M. to 11.35 A.M.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	29	28	28	29	30	30	30	31	34	40	41	42	42	42	41	39	37	35	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																						SN B 9.10		
Amounts of precipitation																						--	--	--
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 5.46 Character, Cloudy																					Sunset: Time, 5.52 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	1.0	0.3	0.2	0.1	0.1	0	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	NW	NW	NW	N	N	N	N	N
Wind movement	4	4	5	5	7	8	6	8	7	7	6	8	9	7	5	4	6	9	7	6	5	4	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	28	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 2.0+ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .18+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.0

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 17

Prevailing direction NE

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity, 12 Direction, NE Time. Began 12.21 PM

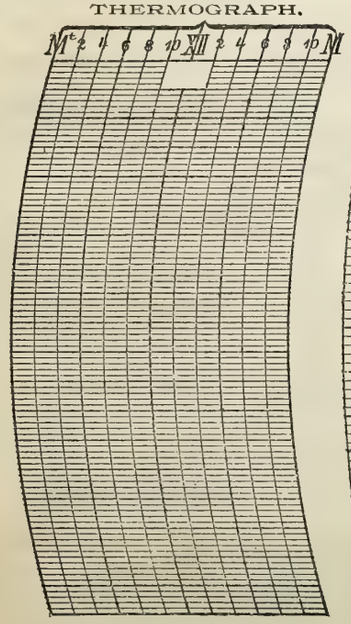
Extreme velocity, 12 NE 12.21 P.M.

Relative humidity, 100 a. m. 79 p. m.

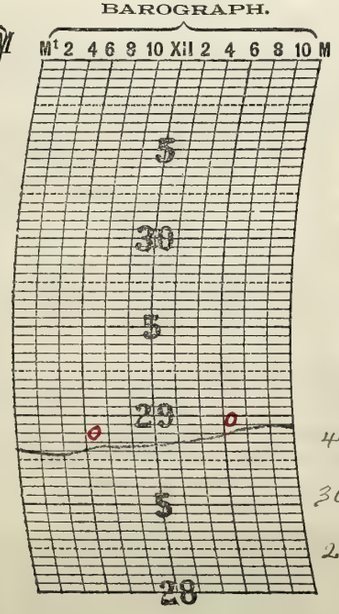
Reduced barometer, 29.76 a. m. 29.87 p. m.

River gage, 3.5 ft.

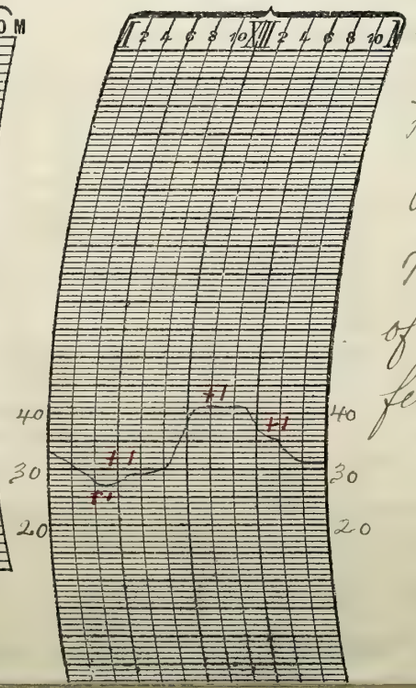
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH. + Estimated.



NOTES.

Dense fog prevailed from D. N. A. to 7.20 A.M.
Light fog prevailed from 7.20 A.M. to 7.50 A.M.
Very moist snow began falling at 9.10 P.M.
The snow as it fell stuck on the limbs of trees and on the sides of buildings, fences, etc.

Prepared by } H. T. Collman
Verified by }

Form No. 1012—Sec. 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 20 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	30	26	25	23	24	27	28	30	31	33	35	35	37	37	36	34	35	36	32	32	32	31	30
State of weather: Nature of precipitation and time of beginning and ending			SE DN										d SB 12.10 SE 12.50		m SB 2.05								m SE DN	
Amounts of precipitation	--	--	--										T		T	T	T	T	T	T	T	T	T	
Cloudiness and other conditions						Cloudy			×	Pt Cldy		×	Cloudy											
Sunshine (in tenths of hours)				7		0	0	0	0.5	1.0	1.0	0.6	0.1	0	0	0.2	0	0						
Wind direction	N	N	N	N	N	NW	N	N	NW	N	NE	E	E	E	SW	W	SW	N	W	N	N	NW	NW	NW
Wind movement	2	1	2	2	1	3	2	1	4	4	4	5	4	3	5	7	7	4	6	8	5	5	6	7

Sunrise: Time, 5.44; Character, Cloudy

Sunset: Time, 5.53; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	37	23	30	

Total depth of snow for 24 hours ending 7 p. m., 2.6 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.6+ inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.7+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.4

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 28

Prevailing direction N.

Total movement, 98

Average hourly velocity, 4.1

Maximum velocity, 11 Direction, W Time. Began 3.16 PM

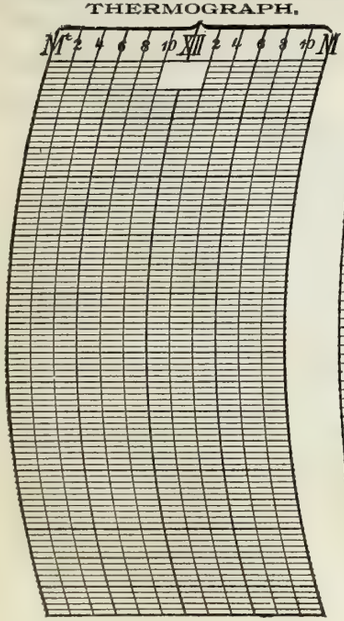
Extreme velocity, 11 - W - 3.16 PM.

Relative humidity, 87 a. m. 94 p. m.

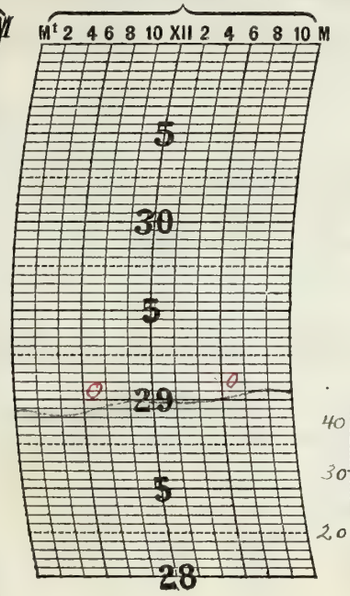
Reduced barometer, 29.92 a. m. 29.96 p. m.

River gage,

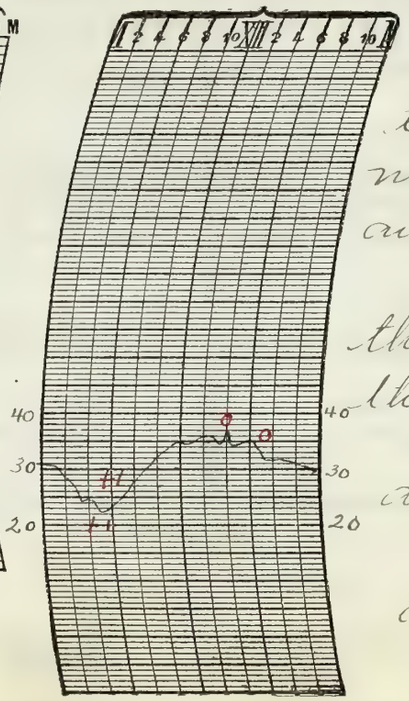
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH. + Estimated



NOTES

The moist snow which fell during the previous evening, and the early morning froze making the streets and walks slippery in the morning.

The snow began melting at 10.00 A.M. making the streets and walks slushy till 1.00 P.M. when the snow was melted from the streets and walks.

Snow flurries occurred during the afternoon and evening.

The day broke with the landscape appearing quite wintertrish and beautiful.

Prepared by J. & T. Collinson

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	30	29	28	27	29	30	32	34	34	35	35	36	36	36	34	33	34	33	32	31	30	30
Stage of weather: Nature of precipitation and time of beginning and ending								SB 7.10 SL 8.00									SB 4.40	SL 5.20						
Amounts of precipitation								T									T	T						
Cloudiness and other conditions						Cloudy									Cloudy									
Sunrise: Time, Character,	543 Cloudy																				Sunset: Time, Character,		554 Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.9	1.0	0.5	0.5	0.3	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	W	W	W	NW	W	W	W	W	W	W	W	W	NW	NW	W	W	W	W	W	W
Wind movement	7	7	6	4	5	6	7	7	10	11	10	11	12	12	12	11	12	10	6	6	8	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
36	27	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 26

Prevailing direction W

Total movement, 200

Average hourly velocity, 8.3

Maximum velocity, 15 Direction, W Began 1.16 P.M.

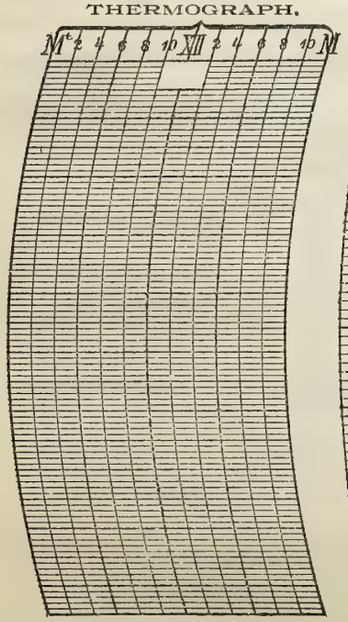
Extreme velocity, 16-W-1.16 P.M.

Relative humidity, 84 a. m. 59 p. m.

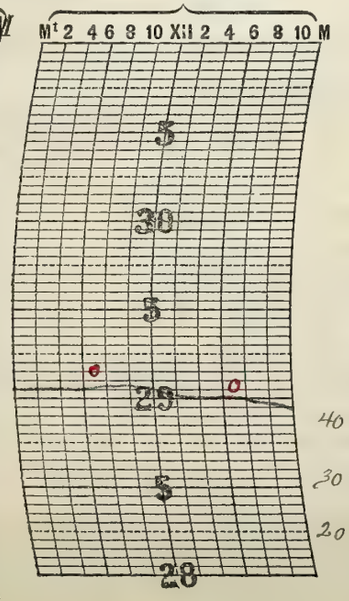
Reduced barometer, 30.02 a. m. 29.94 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



BAROGRAPH.



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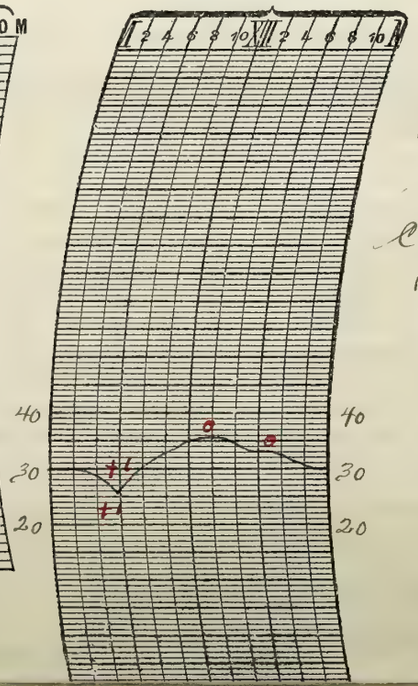


NOTES

Snow flurries occurred during portions of the forenoon and the afternoon.
The sun shone through openings in the clouds during the forenoon
The wind was rather chilly.

Prepared by } H. T. Gollman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 1 2 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	29	31	30	31	32	33	35
Nature of precipitation and time of beginning and ending		m SB DN										
Amounts of precipitation		--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	6	6	7	7	7	6	6	8	11	12	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	37	36	35	34	34	34	33
Nature of precipitation and time of beginning and ending					m SE 5.00							
Amounts of precipitation	--	--	--	--	--							
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	NW	W	W	W	W
Wind movement	14	13	14	12	11	10	9	11	10	9	10	10

Sunrise: Time, 5.41; Character, Cloudy

Sunset: Time, 5.55; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	37	29	33	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m.; 0.2 ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 1

Prevailing direction W

Total movement, 234

Average hourly velocity, 9.8

Maximum velocity, 17 Direction, NW Time. Began 12.23 PM

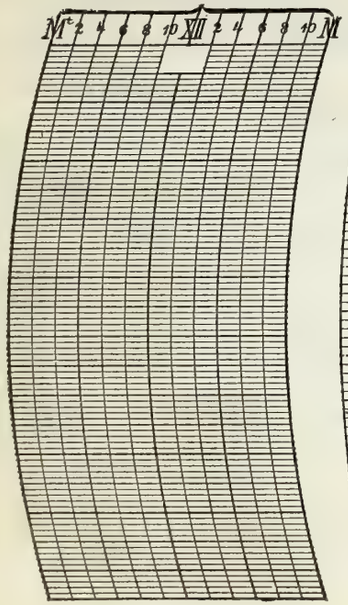
Extreme velocity, 18-NW-12.24 P.M.

Relative humidity, 73 a. m. 88 p. m.

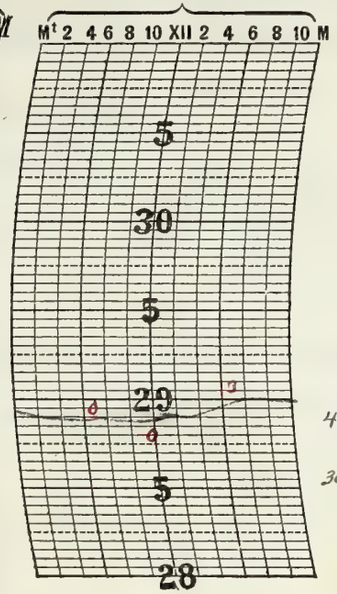
Reduced barometer, 29.83 a. m. 29.91 p. m.

River gage, 3.4 ft.

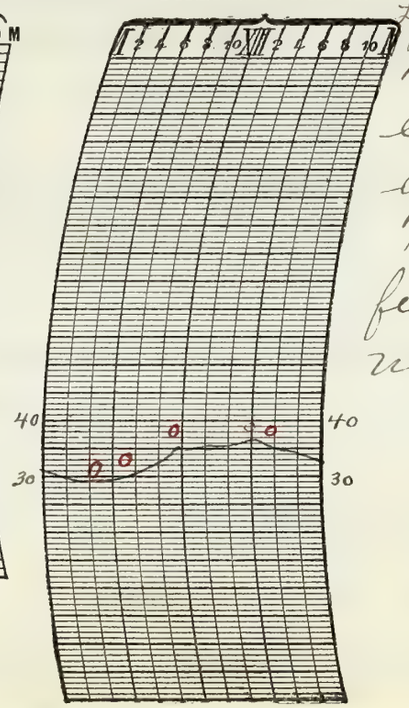
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light Moist snow began falling during the early and continued during the day till 5.00 P.M.
The snow melted soon after it fell making the streets and walks moist during the day.

Prepared by
Verified by } J. H. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	31	31	30	30	30	31	36	40	39	42	43	43	42	42	42	42	41	41	40	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy								Cloudy											
Sunrise: Time, 5.38 Character, Cloudy																					Sunset: Time, 5.56 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0.4	1.0	0.9	0.6	0	0	0	0	0	0	0						
Wind direction	W	NW	W	W	W	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	7	8	7	8	7	9	8	8	8	9	11	10	11	11	11	10	9	9	8	9	9	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, First Quarter

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 2.9

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 24

Prevailing direction W.

Total movement, 212

Average hourly velocity, 8.8

Maximum velocity, 15 Direction, W Time. Began 2.08 P.M.

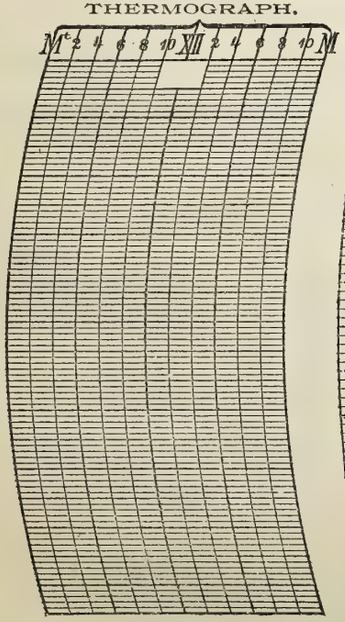
Extreme velocity, 16 – W – 2.08 P.M.

Relative humidity, 89 a. m. 62 p. m.

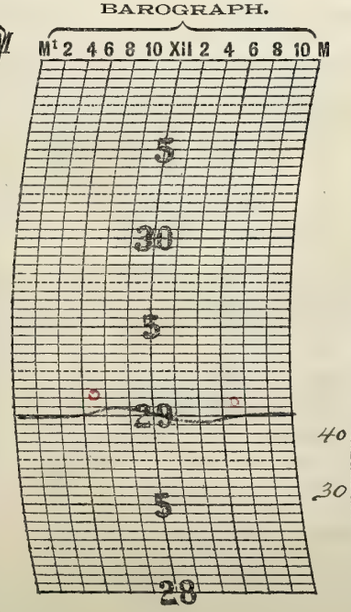
Reduced barometer, 29.99 a. m. 29.95 p. m.

River gage, 3.3 ft.

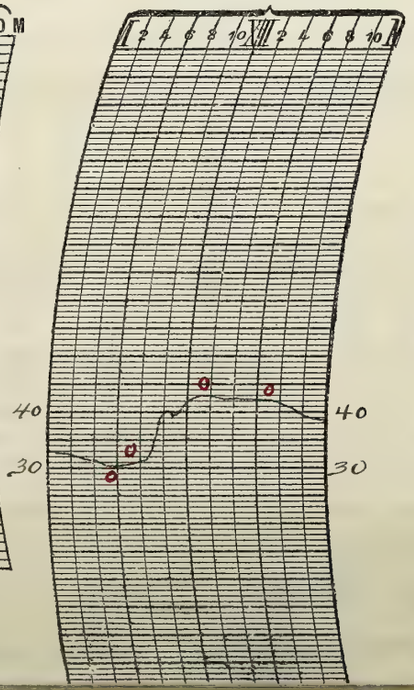
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by } H. T. Collman.
Verified by }

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 24 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	37	37	37	36	36	37	40	42	43	45	47	48	49	50	50	49	48	47	46	46	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 5.38 Character, Cloudy																					Sunset: Time, 5.57 Character, Cloudy			
Sunshine (in tenths of hours)				0		0	0	0	0	0.4	0.9	1.0	1.0	0.9	0.8	1.0	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	9	10	10	12	11	13	15	18	20	20	20	18	18	17	16	13	12	10	13	14	16	19
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.2

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 51

Prevailing direction SW

Total movement, 345

Average hourly velocity, 14.4

Maximum velocity, 26 Direction, SW Time. Began 12.08 PM

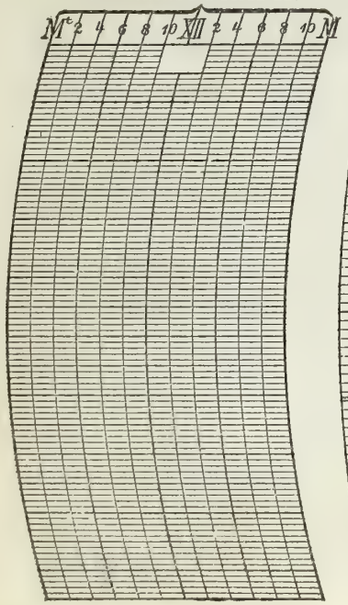
Extreme velocity, 27-SW-12.08 PM

Relative humidity, 70 a. m. 50 p. m.

Reduced barometer, 29.96 a. m. 29.85 p. m.

River gage, 3.2 ft.

THERMOGRAPH.



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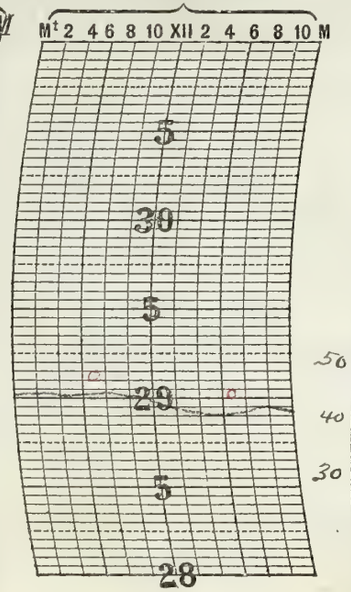
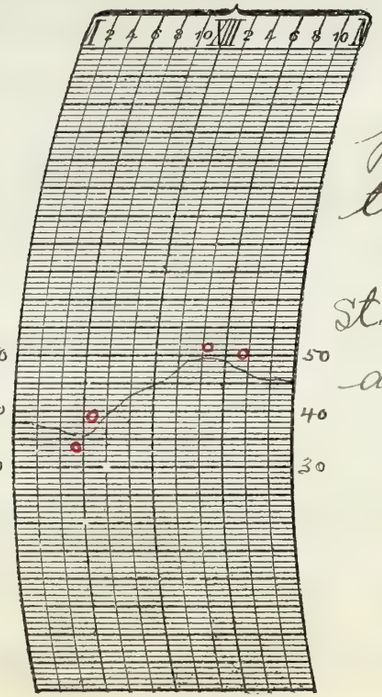


THERMOGRAPH.



NOTES.

Strong and somewhat gusty winds prevailed during the middle of the day.

The sun shone through patches in the St. Clouds during part of the forenoon and the afternoon.

Prepared by } H. T. Coleman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	45	45	45	43	42	42	42	39	37	39	42	43	44	44	43	42	40	39	36	34	33	31	30
State of weather: Nature of precipitation and time of beginning and ending				RB DN		RE 5.30	RB 6.30				RE 10.50													
Amounts of precipitation				T	T	T	.01	.02	T	.01	T													
Cloudiness and other conditions								Cloudy							Cloudy				→ Pt Cldy	→				
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2	0.7	0.1	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW
Wind movement	18	17	18	19	18	16	14	16	14	11	13	16	18	16	15	15	14	9	8	8	9	11	14	15
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5.36; Character, Cloudy

Sunset: Time, 5.58; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
46	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.0

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 8

Prevailing direction NW

Total movement, 342

Average hourly velocity, 14.2

Maximum velocity, 21 Direction, SW Time. Began 2.55 A.M.

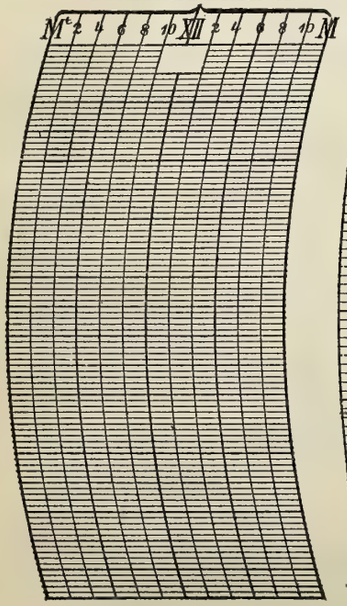
Extreme velocity, 22 - SW - 2.56 A.M.

Relative humidity, 100 a. m. 84 p. m.

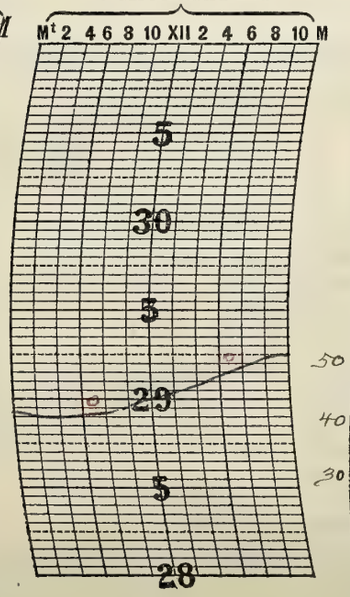
Reduced barometer, 29.84 a. m. 30.10 p. m.

River gage, 3.2 ft.

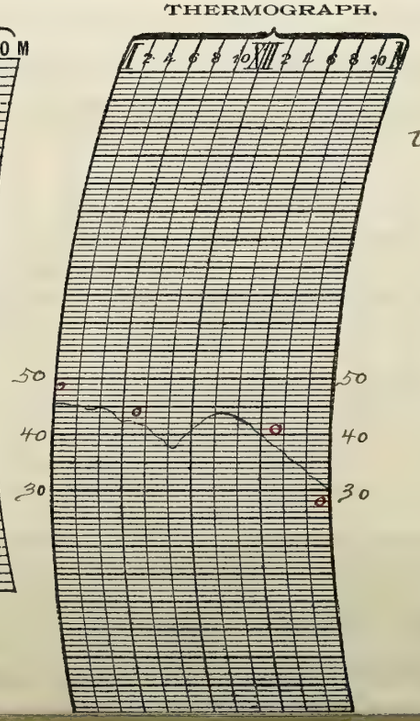
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A faint lunar halo of 22° degree circle was observed from 7.30 P.M. to D.N.P.

Prepared by [illegible]

Verified by J. H. T. Colleran.

Form No. 1012—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 26 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	25	24	24	24	23	23	22 23	24	24	26	28	30	32	32	32	31	30	29	26	23	22	22	22
Nature of precipitation and time of beginning and ending	d S B DN				d S E DN																			
Amounts of precipitation	--	--	--	--	--																			
Cloudiness and other conditions						←			Clear						Clear									
Sunshine (in tenths of hours)						.43 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.68 0.3						
Wind direction	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	15	9	12	9	8	10	15	17	14	12	13	12	12	13	12	10	8	7	7	7	6	4	5

State of weather.

Sunrise: Time, 5.34 Character, Clear

Sunset: Time, 5.59 Character, Clear

Maximum velocities (exceeding 59 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	22	27	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 12.4

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 252

Average hourly velocity, 10.5

Maximum velocity, 20 Direction, NW Time. Began 8.05 AM

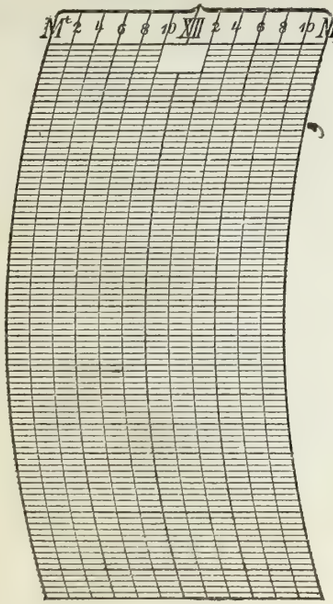
Extreme velocity, 20 - NW 8.05 AM.

Relative humidity, 57 a. m. 67 p. m.

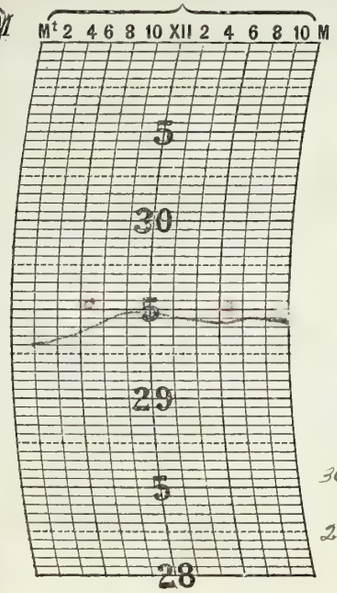
Reduced barometer 30.42 a. m. 30.40 p. m.

River gage, 3.1 ft.

THERMOGRAPH.



BAROGRAPH.



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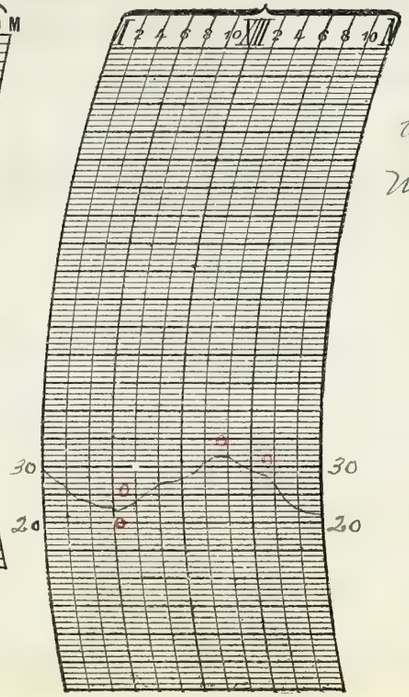


NOTES.

A cold wave occurred on this date when the temperature fell from 42° of the morning preceding to 22° this morning. Bright moonlight in the evening.

Prepared by
Verified by } J. G. Collman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 6 7 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	20	20	20	17	23	26	31	32	34	36	37	38	39	40	39	38	36	34	32	30	29	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear									Clear									
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1						
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	4	5	5	6	4	5	8	10	10	11	14	15	16	15	16	14	14	11	8	6	8	8	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.33 Character, Cloudy

Sunset: Time, 6.00 Character, Clear

.90

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	40	19	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) Few

Actual sunshine, hours, 11.3

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 91

Prevailing direction SW

Total movement, 232

Average hourly velocity, 9.7

Maximum velocity, 19 Direction, W Time. Began 1.08 P.M.

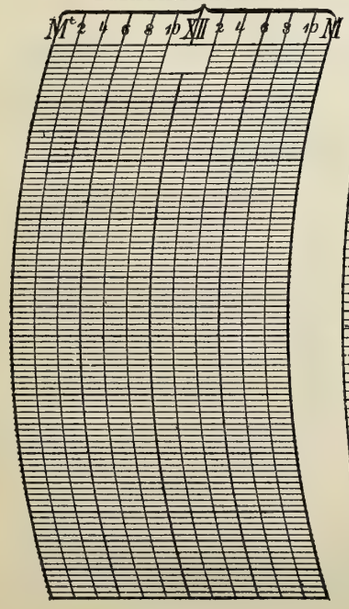
Extreme velocity, 25-SW-11:23 A.M.

Relative humidity, 57 a. m. 46 p. m.

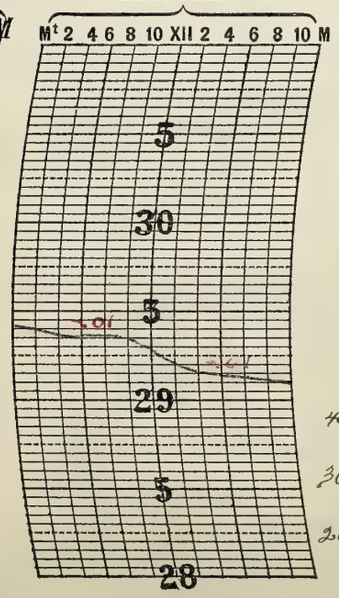
Reduced barometer, 30.33 a. m. 30.09 p. m.

River gage, 3.1 ft.

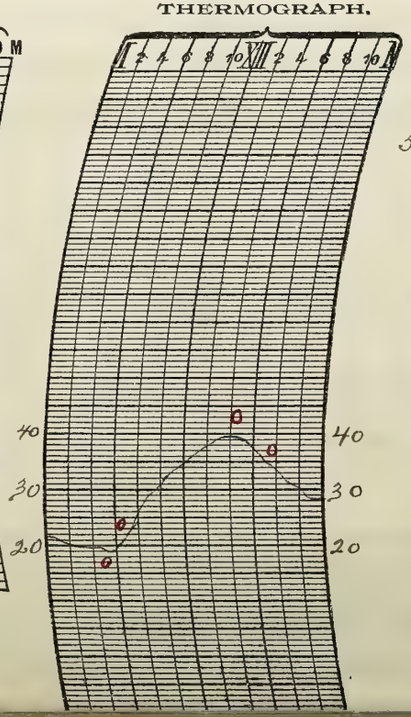
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless from 7.30 A.M. to 5.30 P.M.

Bright moonlight in the evening.

Prepared by
Verified by } J. H. T. Collman

Form No. 1011—Sect. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 28 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	29	30	31	31	33	35	38	38	38	38	38	39	40	41	35	26	26	25	24	23	22	21
																				+	+	+	+	+
State of weather: Nature of precipitation and time of beginning and ending									m S 13 8.00					m S E 2.00		m S 13 3.50			SE 6.15					
Amounts of precipitation									T	T	T	T	T	T		--	--	--	--					
Cloudiness and other conditions						← Cloudy								Pt Cldy	Cloudy					Clear →				

Sunrise: Time, 5.31 Character, Cloudy

Sunset: Time, 6.01 Character, Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0.2	0.6	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	N	N	N
Wind movement	8	10	10	10	9	9	10	11	15	18	18	18	21	18	19	18	19	17	18	17	12	6	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	21	31	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 0.8

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 6

Prevailing direction SW.

Total movement, 319

Average hourly velocity, 13.3

Maximum velocity, 25 Direction, SW Time. Began 12.55 P.M.

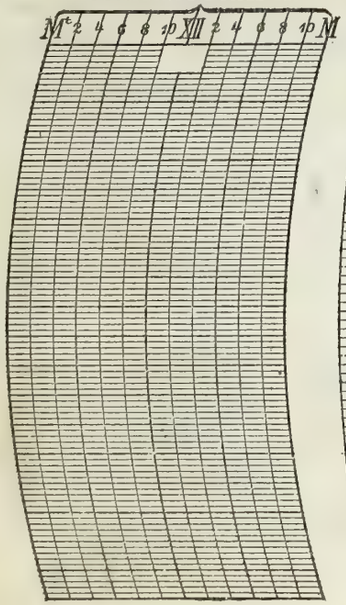
Extreme velocity, 28 - SW 12.55 P.M.

Relative humidity, 63 a. m. 75 p. m.

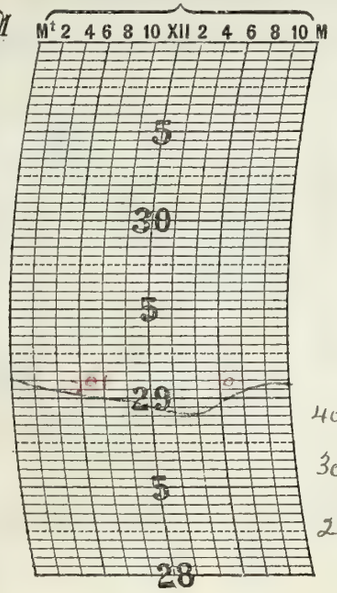
Reduced barometer, 29.96 a. m. 29.98 p. m.

River gage, 3.0 ft.

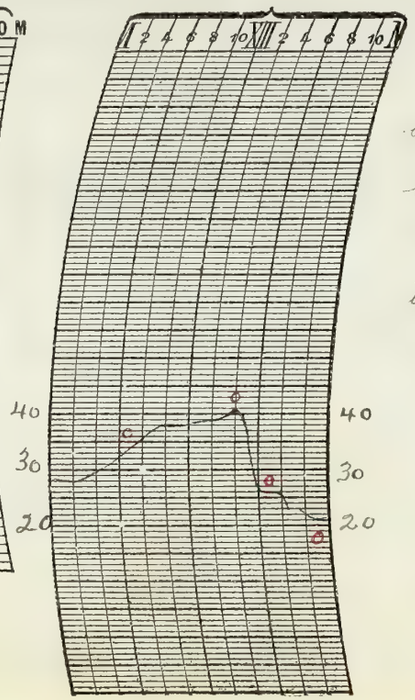
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



† Estimated

NOTES.

Snow flurries accompanied by high winds occurred from 8.00 A.M. to 2.00 P.M. and quite heavy flurries from 3.50 P.M. to 6.15 P.M. The sky cleared at 7.10 P.M. after which time bright moonlight prevailed.

Prepared by
Verified by } H. T. Pollman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20†	19†	18†	16†	15	19†	20†	21†	22†	25†	27†	29†	29†	29†	30	27†	27†	26†	23	21	21	21	20	20
State of weather: Nature of precipitation and time of beginning and ending							SB 6.10 SE 6.35									SB 3.35	SE 4.20							
Amounts of precipitation							T									T	T							
Cloudiness and other conditions						P.C.	×	Clear				×	P.C.	×	Cloudy		×		Clear					

Sunrise: Time, 5.29 Character, Cloudy

Sunset: Time, 6.02 Character, Clear

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0 (0.2, 0.1)	0.9	1.0	1.0	1.0	1.0	0.5	0	0.1	0	0.3	0.1 (0.9, .02)	0					
Wind direction	N	NW	NW	NW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	2	3	4	4	7	10	13	16	18	20	21	20	23	24	22	17	21	18	17	12	13	13	7	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	30	15	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.1

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 56

Prevailing direction NW.

Total movement, 329

Average hourly velocity, 13.7

Maximum velocity, 29 Direction, W Time. Began 1.05 PM

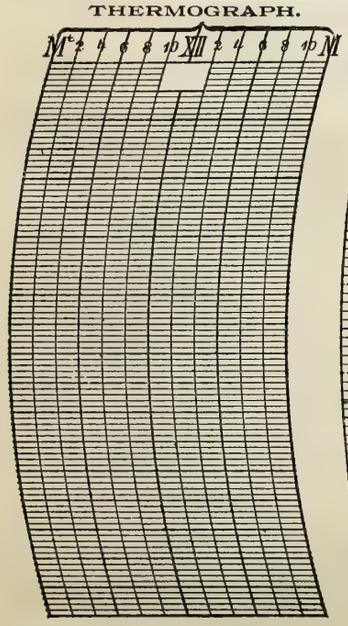
Extreme velocity, 30-W-1.05 PM

Relative humidity, 74 a. m. 63 p. m.

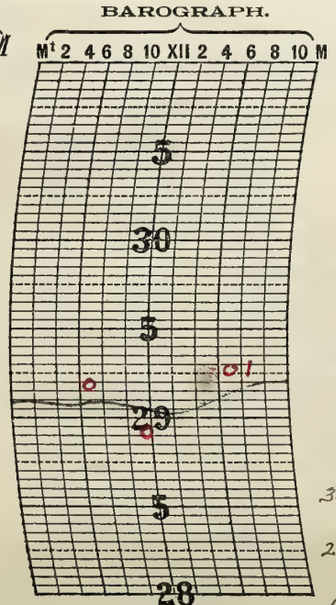
Reduced barometer, 30.05 a. m. 30.07 p. m.

River gage, 3.0 ft

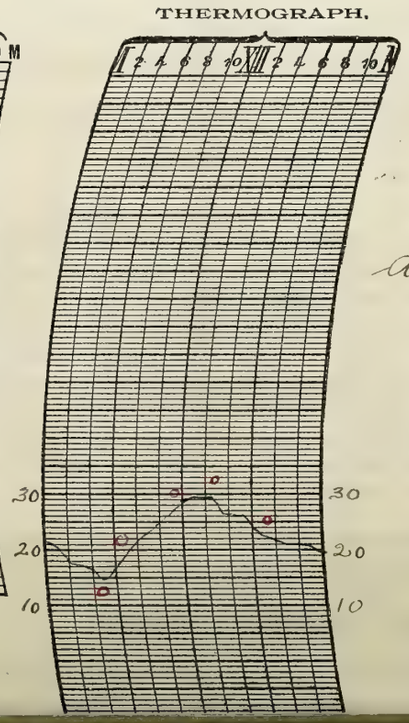
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



† Estimated.

NOTES.

Sunshine at 6 50 A.M

The snow during the day fell in flurries. High and somewhat gusty winds blew during the day.

Bright moonlight prevailed in the evening.

Prepared by } H.T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 30 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

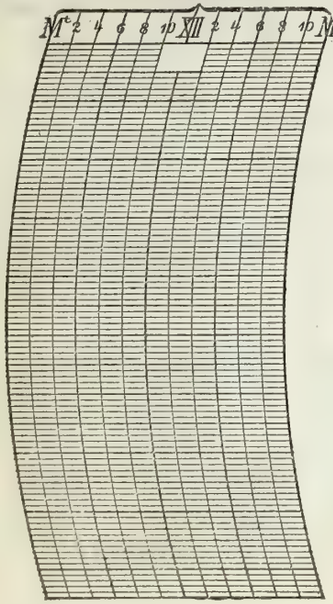
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	19	19	18	17	19	21	23	26	29	32	36	38	40	41	42	42	41	36	33	30	27	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear							Clear									
Sunrise: Time, 5.28 Character, Clear																					Sunset: Time, 6.03 Character, Clear			
Sunshine (in tenths of hours)						.53 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.05 0					
Wind direction	N	N	N	N	N	N	NE	NE	NE	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	4	2	2	2	2	3	7	9	7	7	5	7	7	8	8	8	8	9	11	11	10	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

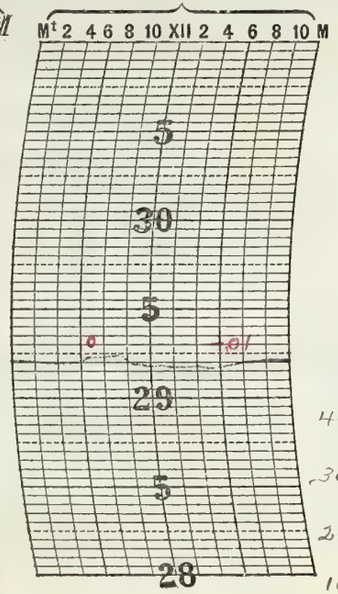
	Maximum.	Minimum.	Mean.	Normal.
	42	17	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.6
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 100
Prevailing direction NW.
Total movement, 157
Average hourly velocity, 6.5
Maximum velocity, 13 Direction, NW Began 7.56 P.M. Time.
Extreme velocity, 13-NW-7.56 PM
Relative humidity, 60 a. m. 51 p. m.
Reduced barometer, 30.22 a. m. 30.13 p. m.
River gage, 2.9 ft.

THERMOGRAPH.



BAROGRAPH.



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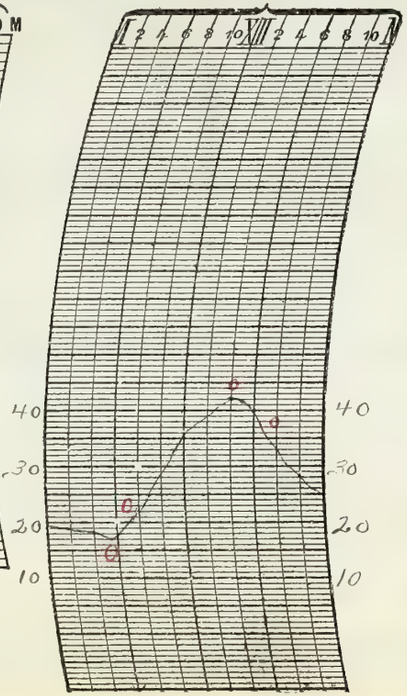


NOTES.

Prepared by } H. T. Coleman.
Verified by }

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	23	22	21	22	23	24	26	29	32	34	36	38	39	40	40	39	35	33	30	29	29	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						×	Pt cldy			×		Clear					→
Sunrise: Time, Character	5.26 Clear																				Sunset: Time, Character			6.04 Clear
Sunshine (in tenths of hours)						.57 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8 0.2	.07 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	N	NE	NE	NE	NE	N	W
Wind movement	6	5	6	6	6	6	6	6	8	8	9	10	10	11	10	9	10	9	9	9	6	3	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	21	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon.

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 12.5

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 99

Prevailing direction NW

Total movement, 173

Average hourly velocity, 7.2

Maximum velocity, 14 Direction, NW Time. Began 2.46 P.M.

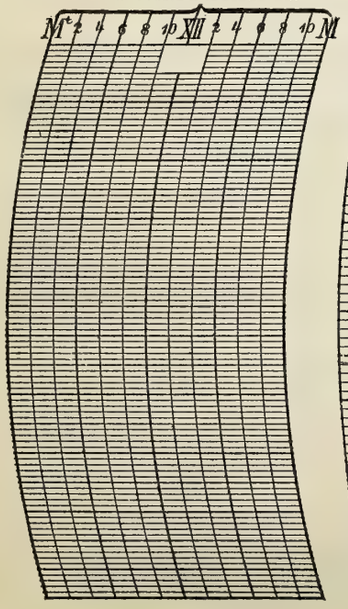
Extreme velocity, 14 - NW - 2.46 P.M.

Relative humidity, 52 a. m. 71 p. m.

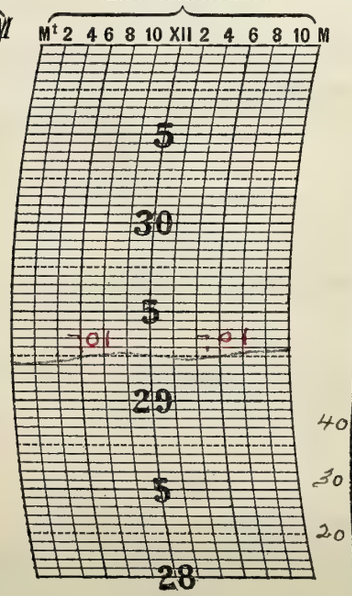
Reduced barometer, 30.19 a. m. 30.19 p. m.

River gage, 2.9 ft.

THERMOGRAPH.



BAROGRAPH.



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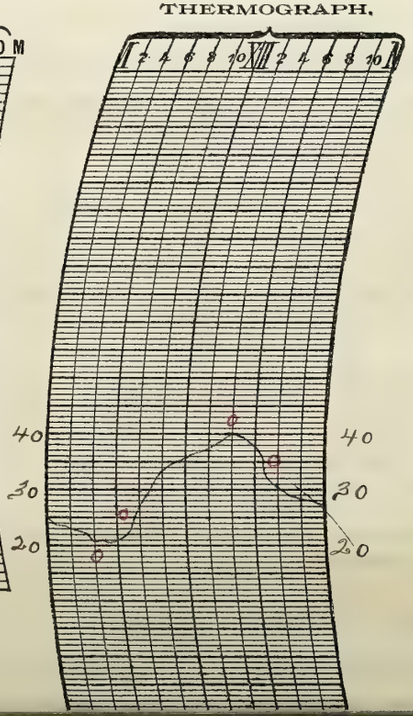


NOTES.

The day was rather chilly.

Prepared by } H. T. Gollman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, 191

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. Began _____

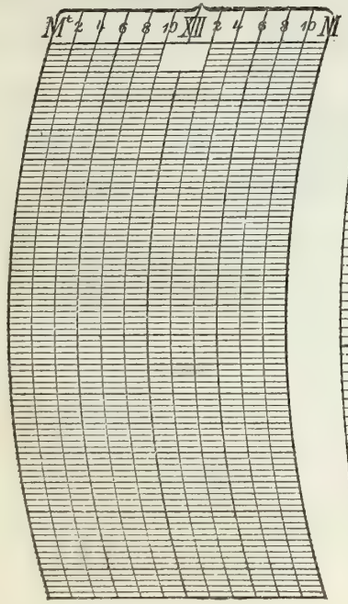
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

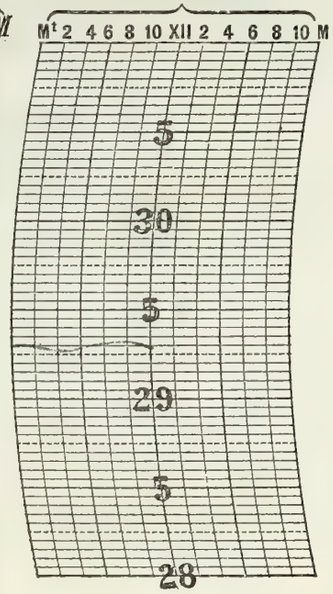
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

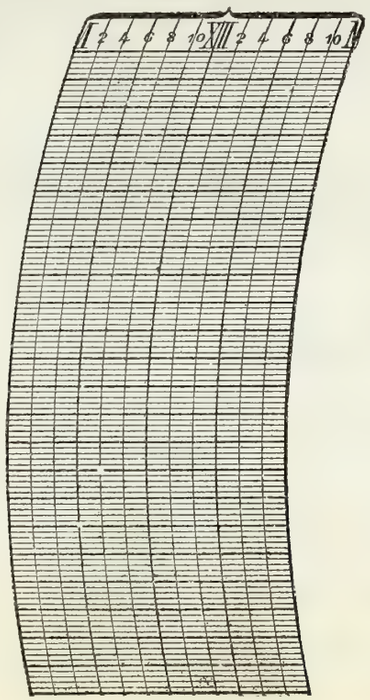
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April [illegible], 191

Time (local standard), 70 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	26	27	27	28	30	31	33	34	34	36	37	34	36	37	37	37	36	35	35	34	32	33
State of weather: Nature of precipitation and time of beginning and ending											m SE 10.10						SE 4.20							
Amounts of precipitation											T	T	T	T	T	T	T							
Cloudiness and other conditions					←	Cloudy								Cloudy						×Clear		→		
Sunrise: Time, 5.24 Character, Cloudy																					Sunset: Time, 6.06 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0.4	0.2	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W	W	NW	W	W	W	N	N	N	NW	NW	NW	W
Wind movement	3	4	4	4	4	5	4	6	5	8	8	9	12	12	14	10	9	7	5	3	4	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

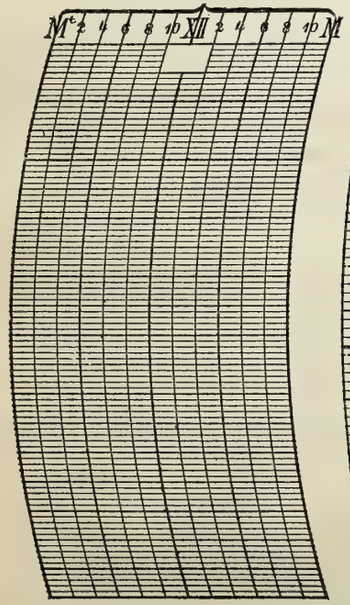
Maximum.	Minimum.	Mean.	Normal.
37	25	32	

Total depth of snow for 24 hours ending 7 p. m., 11 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 11 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 11 ins.
Total precipitation, midnight to midnight, 11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.7
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 6
Prevailing direction W
Total movement, 152
Average hourly velocity, 6.3

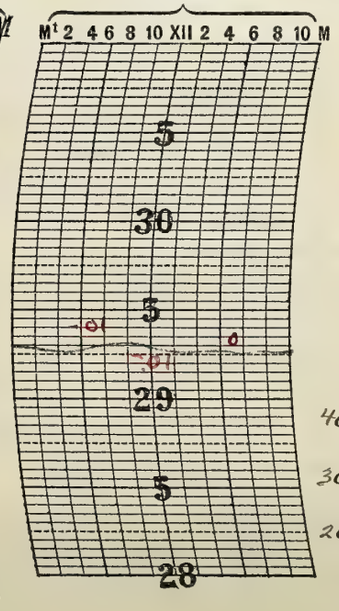
Maximum velocity,	Direction,	Time.
17	W	Began 2.16 P.M.

Extreme velocity, 17-W-2.18 P.M.
Relative humidity, 83 a. m. 67 p. m.
Reduced barometer, 30.24 a. m. 30.20 p. m.
River gage, 2.8 ft

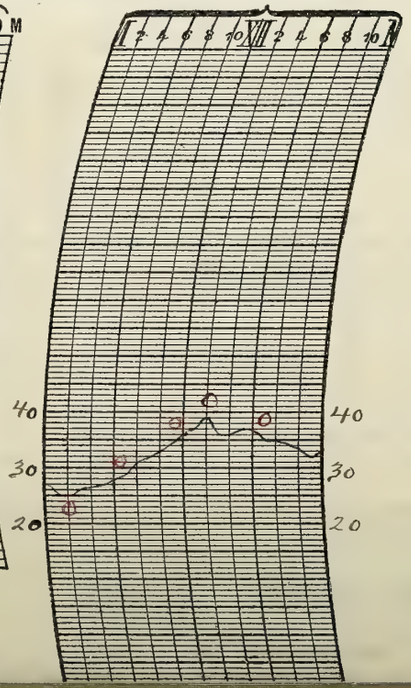
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow flurries occurred during the day
The sky cleared at 7.30 P.M.

Prepared by } H. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 23 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	30	31	32	33	35	37	38	39	40	40	40	38	36	36	35	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending							A 8 13 6.00 SE 6.40								P M 3 13 7.10 SE 8.00									
Amounts of precipitation							M								M									
Cloudiness and other conditions					←		Cloudy								Cloudy							→		
Sunrise: Time, 5.23 Character, Cloudy																					Sunset: Time, 6.07 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.4	0.6	0.4	0.5	0.6	0.3	0.3	0	0	0	0					
Wind direction	W	W	NW	NW	NW	NW	NW	N	N	N	N	N	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	4	4	5	4	4	4	3	4	6	6	7	10	12	11	14	15	10	8	10	8	7	6	5
Maximum velocities (exceeding 19 miles) direction and time																								

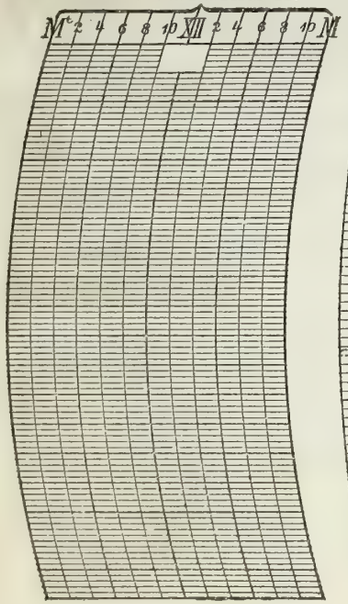
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

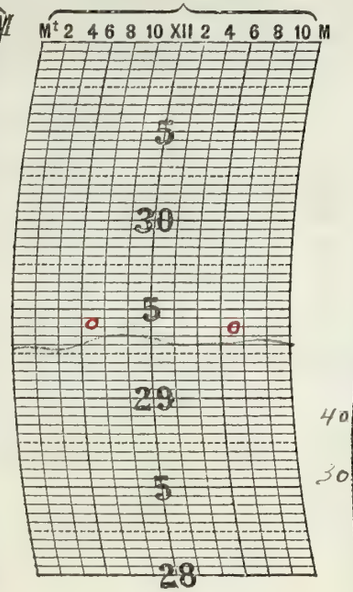
	Maximum.	Minimum.	Mean.	Normal.
Temperature	40	30	35	

Total depth of snow for 24 hours ending 7 p. m., M inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, M inches.
Precipitation to 7 a. m., M ins.; to 7 p. m., M ins.
Total precipitation, midnight to midnight, M inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 3.1
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 24
Prevailing direction NE
Total movement, 170
Average hourly velocity, 7.1
Maximum velocity, 20 Direction, NE Began 4.05 P.M.
Extreme velocity, 30 NE - 4.05 P.M.
Relative humidity, 72 a. m. 59 p. m.
Reduced barometer, 30.28 a. m. 30.26 p. m.
River gage, 2.7 ft

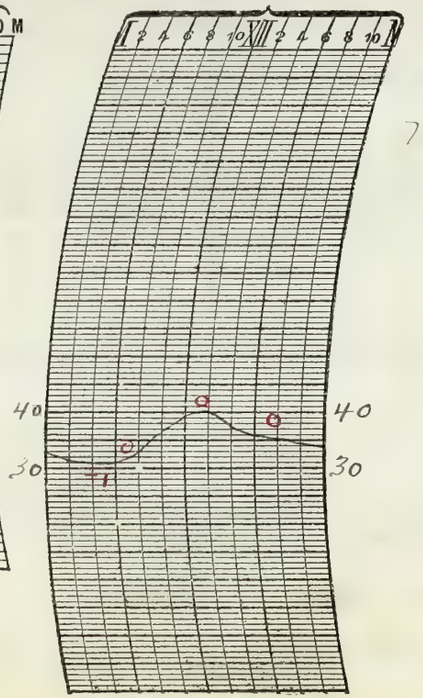
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow flurries occurred during the morning.

Prepared by
Verified by } F. T. Colleman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	30	30	28	29	30	31	32	34	36	39	40	42	43	43	42	39	39	38	34	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				× Cloudy		× Clear				Clear									→
Sunshine (in tenths of hours)						.65 0	0.3 0.5	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.13 0					
Wind direction	NE	NE	NE	NE	N	NE	NE	NE	NE	N	N	N	N	N	NE	N	N	N	N	N	N	NW	N	N
Wind movement	7	11	11	10	8	13	13	13	14	14	14	13	14	12	12	11	10	8	6	3	2	6	5	3

Sunrise: Time, 5.21; Character, Clear

Sunset: Time, 6.08; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
43	28	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 95

Prevailing direction N

Total movement, 233

Average hourly velocity, 9.7

Maximum velocity, 17 Direction, NW Time. Began 12.07 P.M.

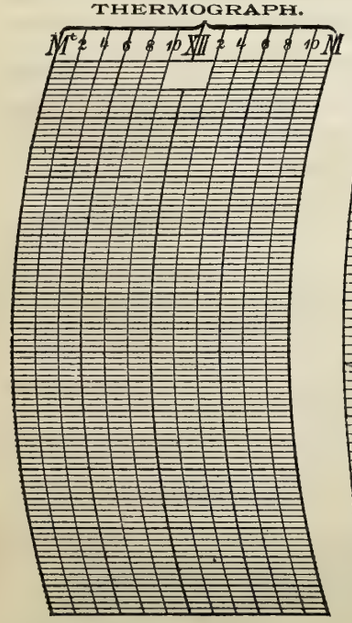
Extreme velocity, 18 - NW - 12.07 P.M.

Relative humidity, 67 a. m. 61 p. m.

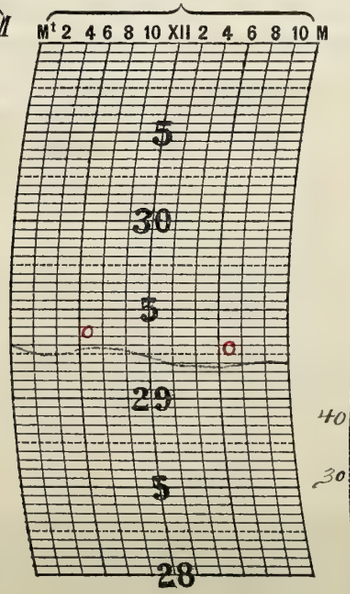
Reduced barometer, 30.26 a. m. 30.11 p. m.

River gage, 2.7 ft

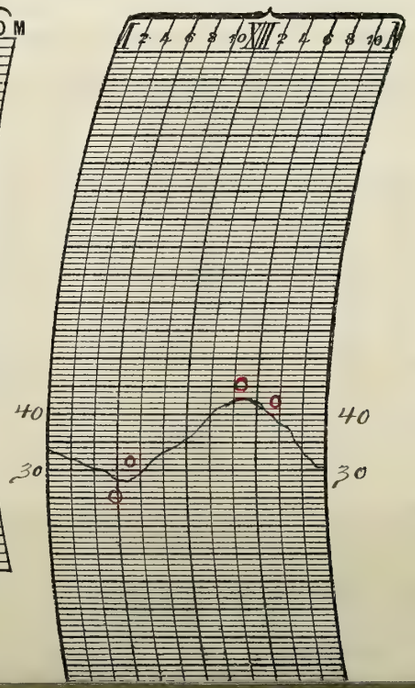
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by
Verified by } H. T. Collman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 4 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	29	28	27	27	32	34	38	42	46	49	51	53	54	54	54	53	51	51	51	50	45	44
State of weather: Nature of precipitation and time of beginning and ending																						RB 923		RE PN
Amounts of precipitation																						T	.02	.01
Cloudiness and other conditions						← Clear		×	PC	×	Cloudy				Cloudy									
Sunshine (in tenths of hours)						.68 / 0	0.3 / 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0	0	0					
Wind direction	N	N	N	N	N	N	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	2	3	1	1	2	2	4	7	11	11	9	11	15	15	13	15	13	12	10	10	11	12	11	9

Sunrise: Time, 5.19; Character, Clear

Sunset: Time, 6.09; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	27	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 8.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 69

Prevailing direction SW

Total movement, 210

Average hourly velocity, 8.8

Maximum velocity, 18 Direction, SW Time. Began 1.45 PM

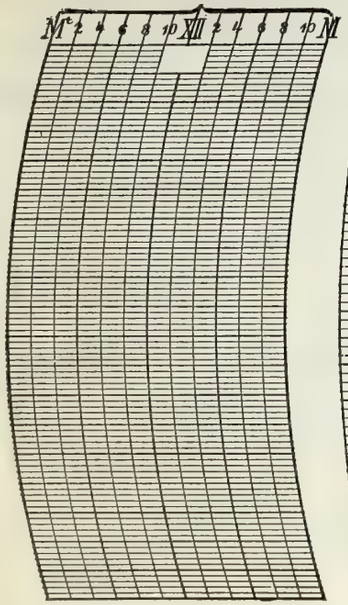
Extreme velocity, 18 SW 1.45 PM

Relative humidity, 62 a. m. 40 p. m.

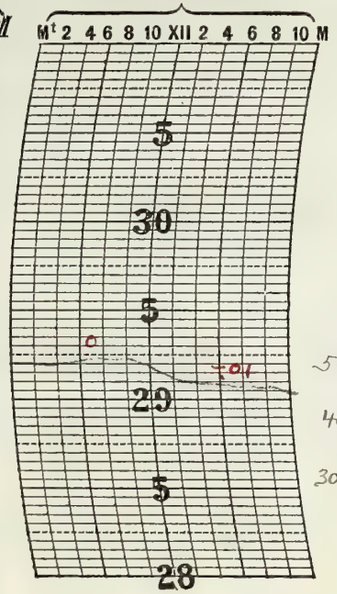
Reduced barometer, 30.17 a. m. 29.99 p. m.

River gage, 2.7 ft.

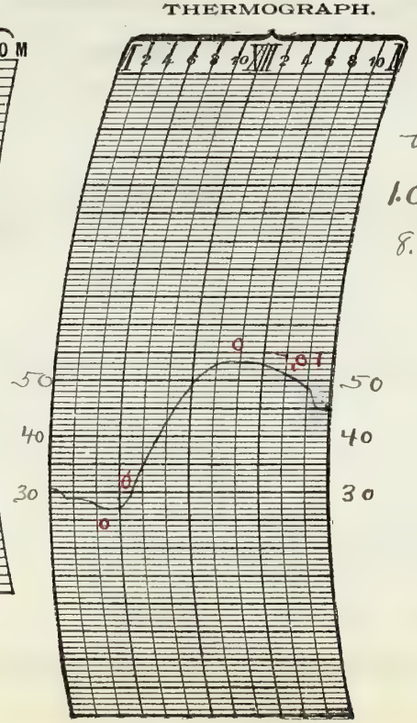
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A brilliant solar halo of 22° circle was observed from 10.00 A. to 2.00 P. 1.0 Ci. St. and A. St. clouds prevailed from 8.00 A. to sunset.

Prepared by
Verified by } H. F. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible], 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	47	46	46	46	47	52	54	56	58	62	64	65	65	66	66	64	56	53	50	48	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy								Cloudy								
Sunrise: Time, 5.17 Character, Cloudy																					Sunset: Time, 6.10 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.8	0.7	0.6	0.9	1.0	1.0	0.1	0.3	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW
Wind movement	11	12	13	11	10	11	11	14	16	17	16	17	12	14	13	10	10	8	6	13	14	11	7	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	44	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.4

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 42

Prevailing direction SW.

Total movement, 281

Average hourly velocity, 11.7

Maximum velocity, 21 Direction, SW Time. Began 11.22 A.M.

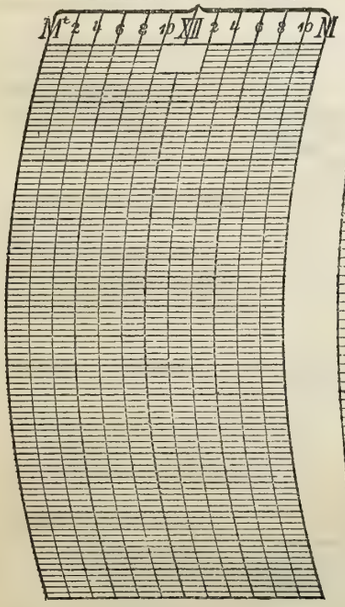
Extreme velocity, 21 - SW - 11.22 A.M.

Relative humidity, 56 a. m. 54 p. m.

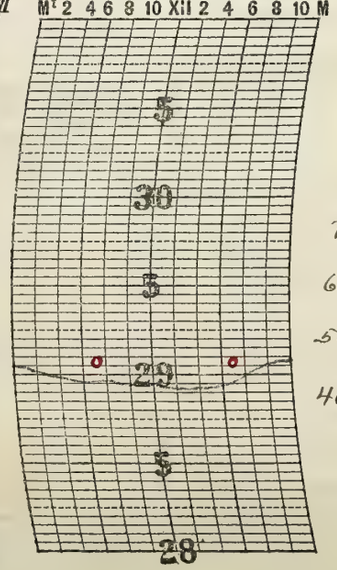
Reduced barometer, 29.89 a. m. 29.88 p. m.

River gage, 2.6 ft.

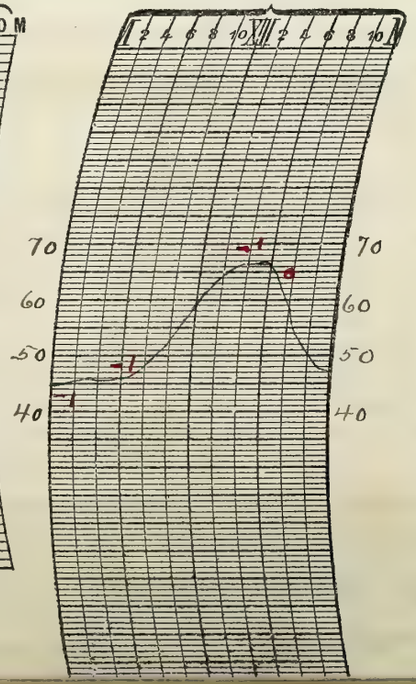
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by } H.T. Coleman.
Verified by }

Form No. 1012—Met 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	43	43	42	42	43	46	52	60	65	67	69	70	70	70	69	66	63	60	56	54	50	47	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt Cloudy							× Clear					× Pt Cldy					→	
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	7	7	7	9	9	11	12	14	13	13	16	19	16	15	16	12	11	8	9	9	9	8	9

Sunrise: Time, 5.16 Character, Cloudy

Sunset: Time, 6.11 Character, Cloudy

Maximum 29 velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	70	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase Last Quarter.

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 10.0

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 78

Prevailing direction SW

Total movement, 263

Average hourly velocity, 11.0

Maximum velocity, 21 Direction, W Time. Began 12.21 P.M.

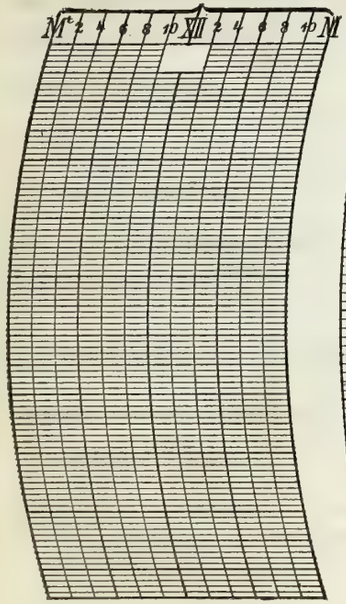
Extreme velocity, 21-W-12.21 P.M.

Relative humidity, 77 a. m. 50 p. m.

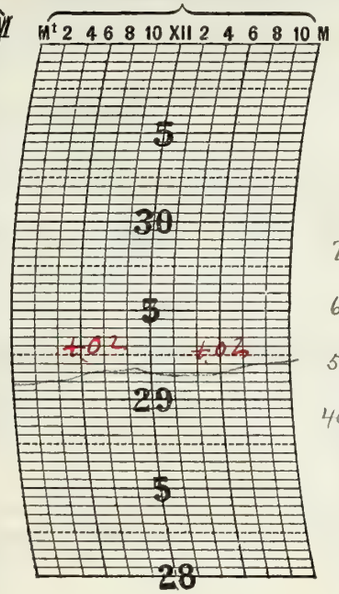
Reduced barometer, 30.11 a. m. 30.10 p. m.

River gage, 2.63

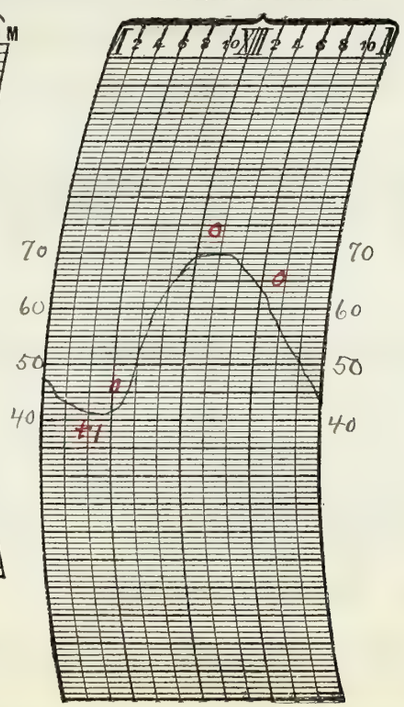
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by
Verified by } J.H.G. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 7 1915, 191

Time (local standard) 10 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	39	40	41	40	39	40	40	42	46	51	53	58	60	60	59	58	57	53	50	48	45	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy							Cloudy					× P.C.		×	Clear →			
Sunrise: Time, Character	5.14 Cloudy																				Sunset: Time, Character			6.12 Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	0	0.7	0	0					
Wind direction	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	8	8	6	8	11	10	12	12	11	11	12	11	12	10	10	7	8	8	7	6	6	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

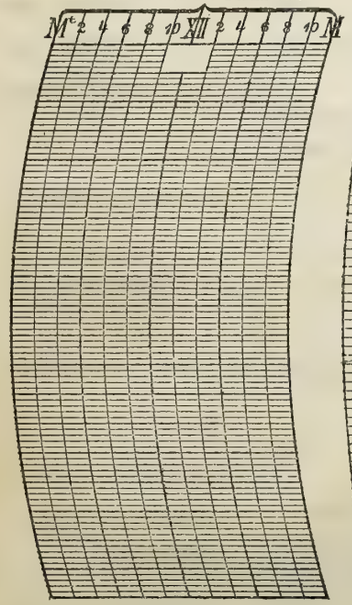
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

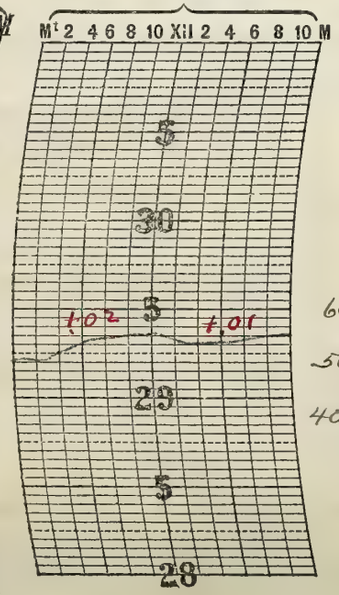
	Maximum.	Minimum.	Mean.	Normal.
	60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 6.0
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 46
Prevailing direction NE
Total movement, 218
Average hourly velocity, 9.1
Maximum velocity, 15 Direction, NE Time. Began 7.20 AM
Extreme velocity, 16-NE-7.20 AM
Relative humidity, 84 a. m. 33 p. m.
Reduced barometer, 30.30 a. m. 30.28 p. m.
River gage, 2.6 ft.

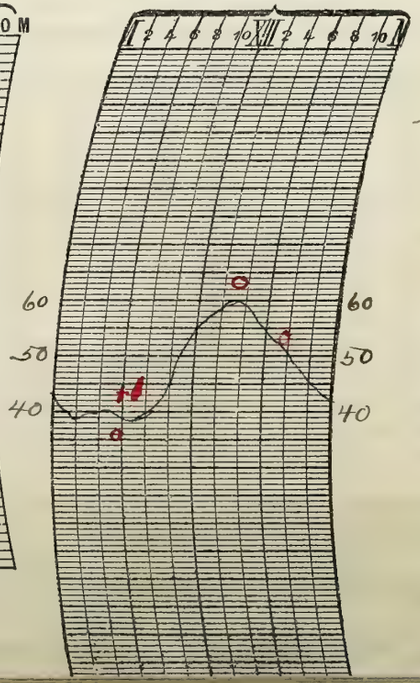
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci. St and A. St. Clouds prevailed during the day.

Prepared by
Verified by } H. T. Collman

Form No. 1011—Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 9 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	40	38	39	43	49	53	57	60	64	66	68	70	70	70	67	64	60	57	54	52	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt. Cloudy							Clear					P.C.	Cloudy					
Sunrise: Time, 5.13 Character, Cloudy																					Sunset: Time, 6.13 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.9	0.5	0.3	0					
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	6	6	6	6	5	5	4	7	7	9	8	7	8	8	9	8	8	6	7	6	8	8	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	38	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 9.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 72

Prevailing direction E.

Total movement, 167

Average hourly velocity, 7.0

Maximum velocity, 12 Direction, SE Began 9.35 AM.

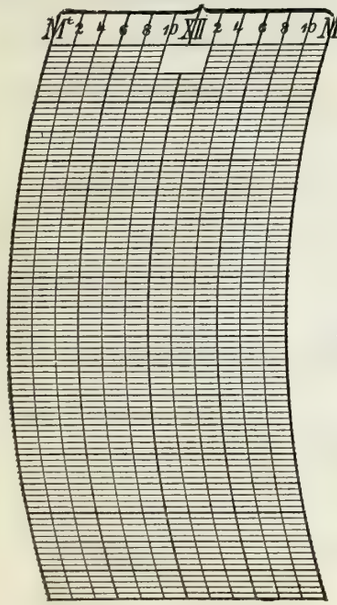
Extreme velocity, 12-SE-9.35 AM.

Relative humidity, 53 a. m. 26 p. m.

Reduced barometer, 30.35 a. m. 30.12 p. m.

River gage, 2.6 ft

THERMOGRAPH.



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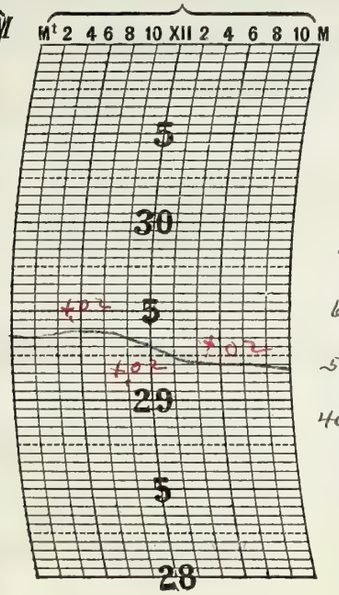

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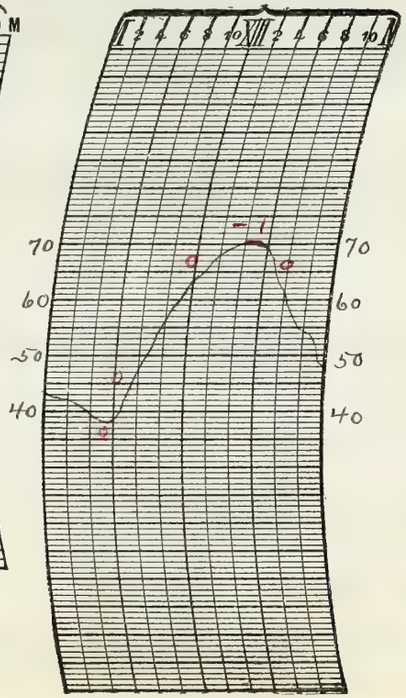


NOTES

Prepared by
Verified by } H. T. Coleman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC. 3, 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	49	50	53	53	56	55	58	58	59	63
Nature of precipitation and time of beginning and ending						RB 5.55	RE 6.05	RB 7.20				RE 11.30
Amounts of precipitation						T	T	T	.02	.01	T	T
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.1	0	0.4	0.3
Wind direction	E	E	E	SE	SE	SE	S	S	SW	S	S	S
Wind movement	6	5	4	5	6	7	10	10	9	10	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	66	64	66	67	66	66	63	59	56	55	55
Nature of precipitation and time of beginning and ending	RB 12.45	RE 1.25					RB 6.15 RE 6.30		RB 8.05 RE 8.35			
Amounts of precipitation	T	.01 ~~.05~~					T		.02			
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)	0.6	0.4	0.7	0.1	0	0	0					
Wind direction	S	S	SW	SW	SW	SW	S	S	SW	SW	S	S
Wind movement	18	19	18	18	16	11	10	13	15	13	12	10

Sunrise: Time, 5.11 Character, Cloudy

Sunset: Time, 6.14 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time: 7

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	47	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.6

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 20

Prevailing direction S

Total movement, 274

Average hourly velocity, 11.4

Maximum velocity, 26 Direction, S Time, Began 1.41 P.M.

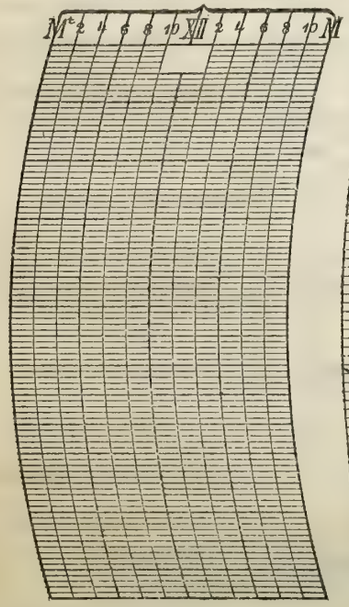
Extreme velocity, 30 - SW - 8.16 P.M.

Relative humidity, 48 a. m. 71 p. m.

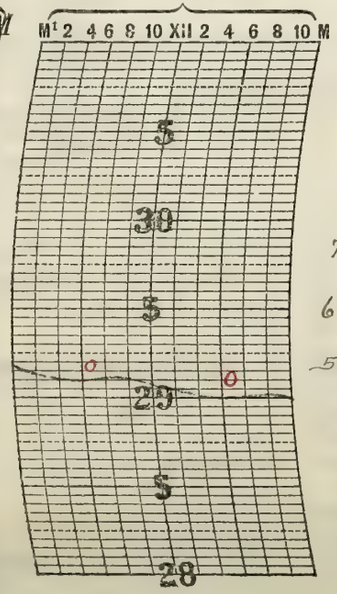
Reduced barometer, 30.04 a. m. 29.92 p. m.

River gage, 2.6 ft.

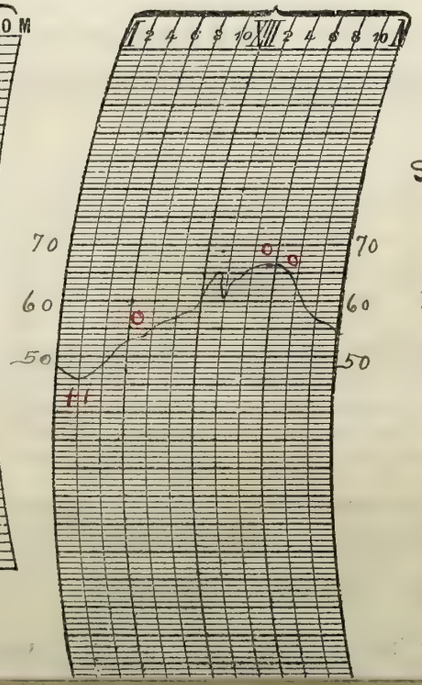
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

12.45 P.M.; the first in the spring.
A moderate thunderstorm passed south of the station from 12.45 P. to 1.15 P.
The rain during the forenoon fell mostly in light showers.
8-9 P.M. light.

Prepared by } H. F. Collman
Verified by }

Form No. 1011-Sec. 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 10 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	55	55	55	55	56	57	56	56	57	56	56	54	53	51	56	55	54	52	51	50	48	46	46
State of weather: Nature of precipitation and time of beginning and ending	RB DN RE DN					RB 5.20										RE 2.15								
Amounts of precipitation	.10					.01	T	T	.01	T	.02	.27	.14	.04	.03	T								
Cloudiness and other conditions	Cloudy												Cloudy				P.C.		Clear					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0.3	1.0	0.4 0.6	.25 0					
Wind direction	SW	S	S	S	SW	S	S	S	S	SW	SW	SW	SW	NW	NW	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	6	6	6	11	16	11	16	22	23	26	17	7	13	10	7	11	10	7	6	9	9	10	9
Maximum velocities (exceeding 29 miles) direction and time											30 SW 10.31													

Sunrise: Time, 5.09 Character, Cloudy

Sunset: Time, 6.15 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
58	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., .51 ins.

Total precipitation, midnight to midnight, .62 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7.1

Actual sunshine, hours, 2.6

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 20

Prevailing direction SW

Total movement, 278

Average hourly velocity, 11.6

Maximum velocity,	Direction,	Time.
30	SW	Began 10.46 A.M.

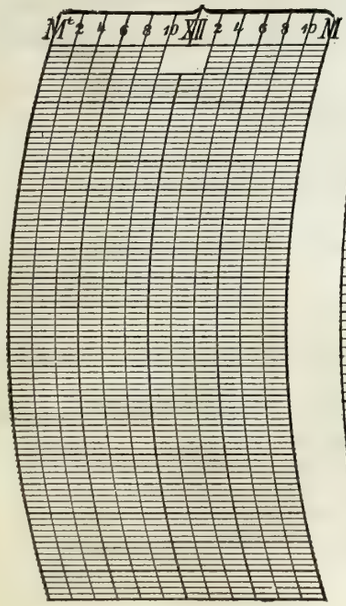
Extreme velocity, 31 - SW - 10.46 A.M.

Relative humidity, 90 a. m. 80 p. m.

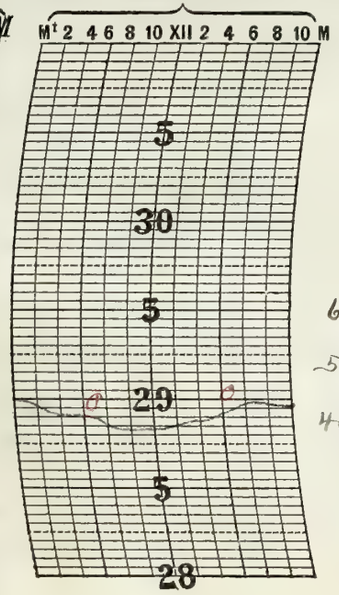
Reduced barometer, 29.79 a. m. 29.91 p. m.

River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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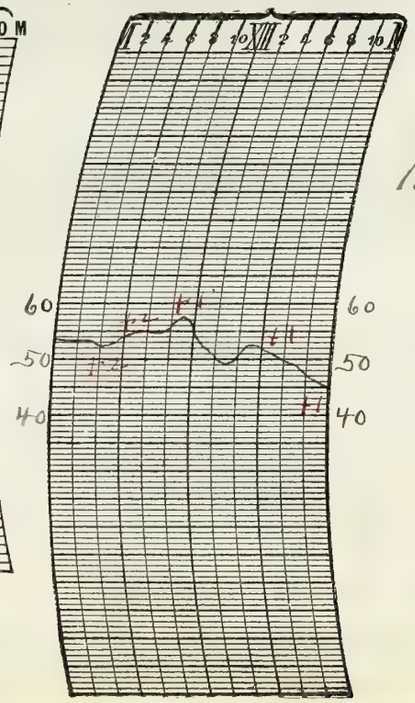


NOTES

12.15 A.M. Light:

Strong winds prevailed from 8.00 A. to 12.00 Noon.

Prepared by } H. F. Collman.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 1 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	44	42	44	49	50	49	46	48	49
Nature of precipitation and time of beginning and ending								RR 7.00				
Amounts of precipitation								.01	.01	T	T	T
Cloudiness and other conditions					← Clear ×				Cloudy			
Sunshine (in tenths of hours)						.87 0	.04 0.6	0	0	0	0.9	0.7
Wind direction	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	10	10	10	11	11	12	12	14	19	20	25

Sunrise: Time, 5.08 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	48	47	48	48	48	47	47	45	43
Nature of precipitation and time of beginning and ending						RE 5.40					RB DN	RE DN
Amounts of precipitation	.03	.03	.03	.03	T	.01					.03	.03
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.3	0.2	0	0	0	0	0					
Wind direction	SW	SW	SW	W	W	W	W	W	SW	W	W	W
Wind movement	25	28	28	30	25	18	16	12	13	11	16	11

Sunset: Time, 6.16 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time: 30 SW 12.05; 34 SW 1.39; 33 SW 2.16; 39 SW 3.09; 31 W 4.05

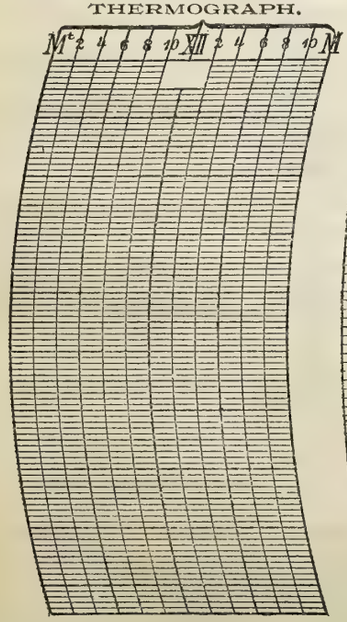
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

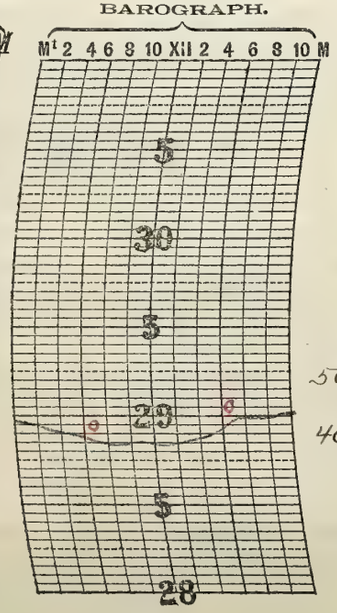
	Maximum.	Minimum.	Mean.	Normal.
	50	42	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 4.0
Possible sunshine, hours, 13.1
Percentage of possible sunshine, 31
Prevailing direction SW
Total movement, 398
Average hourly velocity, 16.6
Maximum velocity, 39 Direction, SW Began 3.09 P.M.
Extreme velocity, 44 SW 3.09 P.M.
Relative humidity, 84 a. m. 75 p. m.
Reduced barometer, 29.77 a. m. 29.91 p. m.
River gage, 3.0 ft

THERMOGRAPH.



BAROGRAPH.



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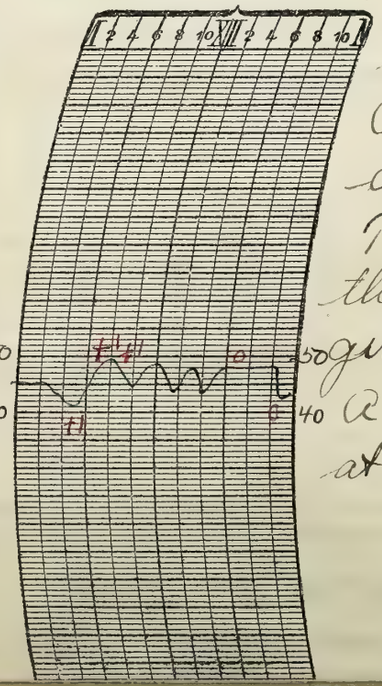


NOTES.

Sky clear to 6.30 A.M.
Occasional showers occurred all day.
The wind increased in velocity during the forenoon becoming high and somewhat gusty by noon and decreased by sunset. A maximum velocity of 39 miles was reached at 3.09 P.M. with an extreme velocity of 44 miles.

Prepared by
Verified by } H. T. Collman.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 12 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	42	43	41	41	41	41	38	39	38	41	40	40	39	39	38	37	37	36	36	36	35	33
State of weather: Nature of precipitation and time of beginning and ending							RB 6.05	RH 7.20																
Amounts of precipitation							.01																	
Cloudiness and other conditions								Cloudy							Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	1.0	0.5	0.2	0	0	0	0	0					
Wind direction	SSW	SSW	SSW	W	W	W	SW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	7	7	6	4	5	5	9	11	14	13	15	16	16	14	13	13	9	9	8	4	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.06; Character, Cloudy

Sunset: Time, 6.17; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

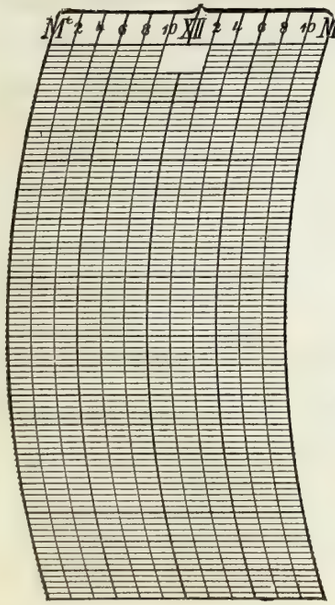
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	43	33	38	

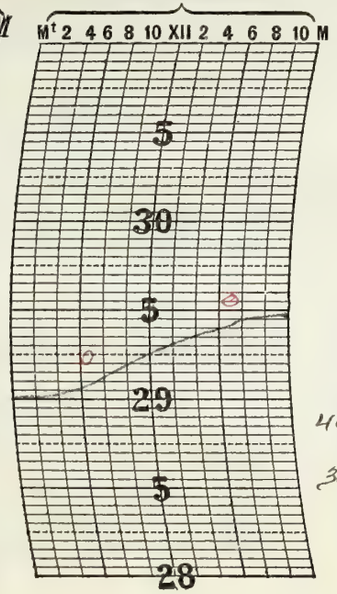
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 1.9
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 14
Prevailing direction NW
Total movement, 222
Average hourly velocity, 9.2

Maximum velocity, 30 Direction, NW Time. Began 1.05 P.M.
Extreme velocity, 22 - NW - 1.05 P.M.
Relative humidity, 100 a. m. 79 p. m.
Reduced barometer, 30.05 a. m. 30.37 p. m.
River gage, 3.2 ft.

THERMOGRAPH.



BAROGRAPH.



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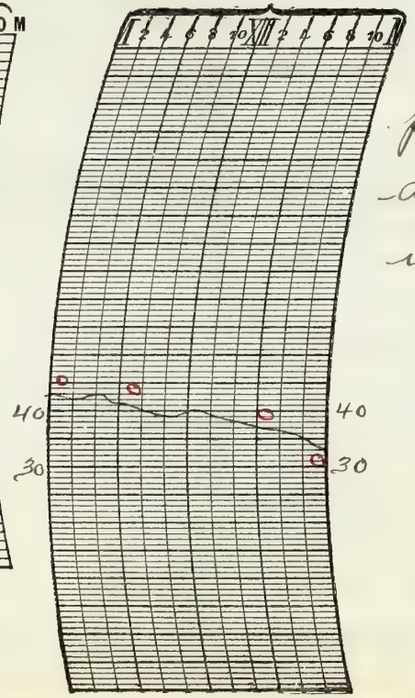


NOTES

The following warning "Colder tonight, probably frost" was received from "C.O." at 9.20 A.M. and was disseminated in the morning forecasts.

Prepared by
Verified by J. H. Coleman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

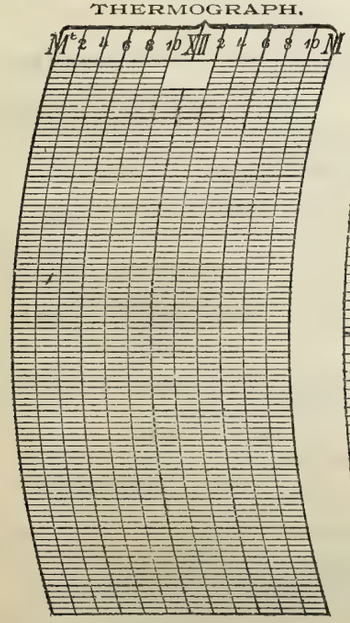
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	29	30	34	38	40	41	43	46	49	52	52	52	51	51	50	48	46	43	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						Clear									
Sunshine (in tenths of hours)	Sunrise: Time, 5.05 Character, Clear					.92 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06 0.4	.30 0		Sunset: Time, 6.18 Character, Clear			
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	5	4	4	4	4	5	6	4	5	6	5	5	6	6	4	5	4	5	4	4	5	5	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

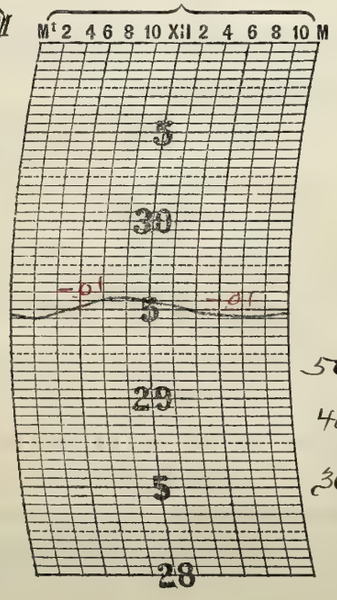
	Maximum.	Minimum.	Mean.	Normal.
	52	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10) Few
Actual sunshine, hours, 13.2
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 100
Prevailing direction NE.
Total movement, 112
Average hourly velocity, 4.7
Maximum velocity, 7 Direction, NE Time. Began 12.44 P.M.
Extreme velocity, 9-NE-12.44 P.M.
Relative humidity, 81 a. m. 53 p. m.
Reduced barometer, 30.50 a. m. 30.40 p. m.
River gage, 3.3 ft.

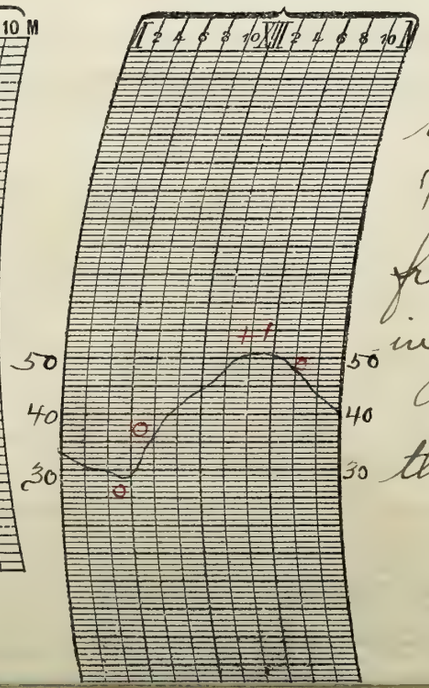
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A killing frost with a minimum temperature of 29° occurred in the morning. The following warning was received from "C.O." at 9.00 A.M. and disseminated in the morning forecasts. "Frost tonight" As the crops were not far advanced the damage from frost was slight.

Prepared by } H. T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) April 4 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	36	34	33	33	34	38	42	47	49	51	52	54	55	56	56	56	55	53	50	47	45	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunshine (in tenths of hours)	Sunrise: Time, 5.03 Character, Clear					.95 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.32 0			Sunset: Time, 6.19 Character, Clear		
Wind direction	E	E	E	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	4	3	4	4	3	4	4	4	5	5	7	8	8	7	7	7	9	7	8	8	6	6	5	3
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

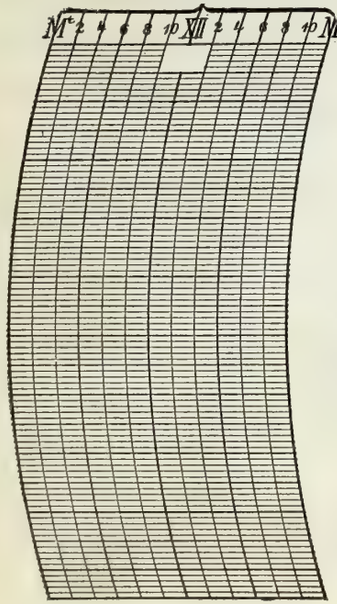
	Maximum.	Minimum.	Mean.	Normal.
	56	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0-10) Few
Actual sunshine, hours, 13.3
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 136
Average hourly velocity, 5.7

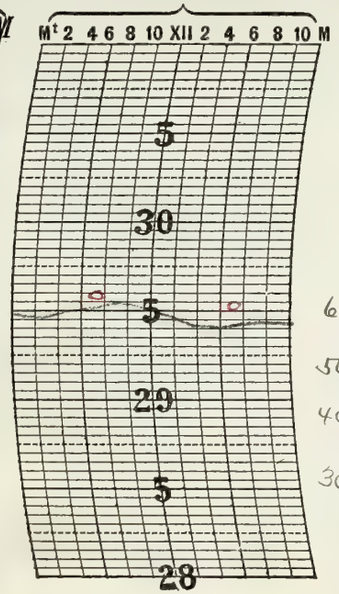
Maximum velocity,	Direction,	Time.
12	NE	Began 2.32 PM

Extreme velocity, 12 - NE - 2.32 PM.
Relative humidity, 72 a. m. 47 p. m.
Reduced barometer 30.46 a. m. 30.35 p. m.
River gage, 3.1 ft

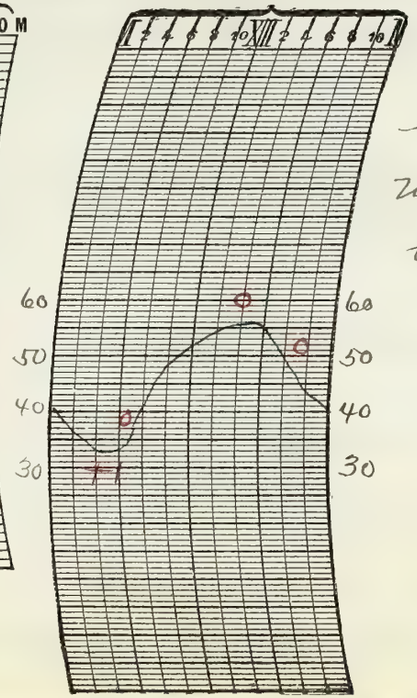
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Heavy frost occurred in the early morning but as the crops were not far advanced the damage done was slight.

Prepared by } H. T. Coleman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 70 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	38	36	36	35	38	43	48	51	54	59	59	60	61	59	53	52	52	50	49	50	50	49
State of weather: Nature of precipitation and time of beginning and ending																		R 3 5.10 R 1 5.30						
Amounts of precipitation																		T						
Cloudiness and other conditions								Clear					× Pt Cloudy ×				Cloudy							
Sunrise: Time, Character,	5.02 Clear																				Sunset: Time, Character, 6.20 Cloudy			
Sunshine (in tenths of hours)						.87 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0	0					
Wind direction	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NW	NW	SW	W	NW	NW	NW	W	W
Wind movement	4	5	4	4	5	6	6	7	6	5	6	5	5	5	4	6	5	8	6	5	3	1	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum.	Minimum.	Mean.	Normal.
61	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.5

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 71

Prevailing direction NE

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity, 12 Direction, W Time. Began 5.46 P.M.

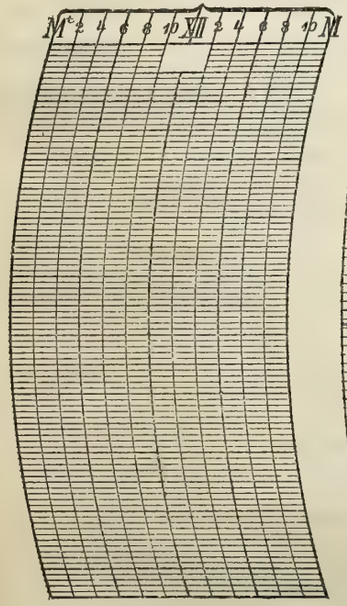
Extreme velocity, 12-W-5.46 P.M.

Relative humidity, 60 a. m. 69 p. m.

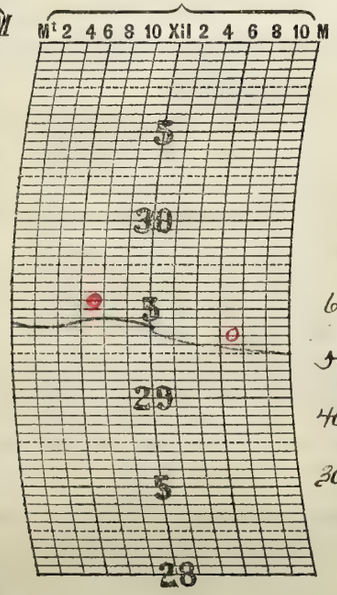
Reduced barometer, 30.39 a. m. 30.21 p. m.

River gage, 3.0 ft.

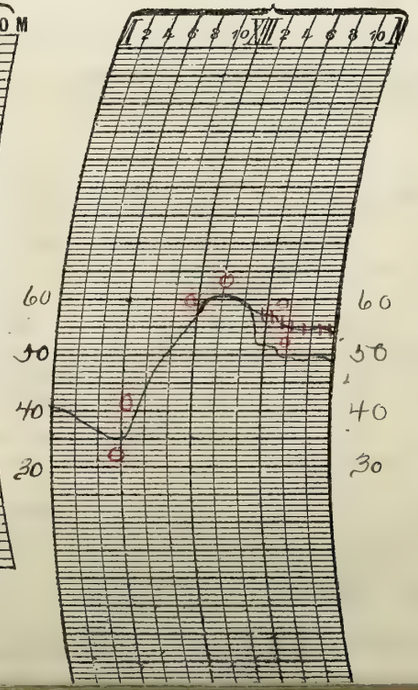
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by
Verified by } J. H. Collman.

Form No. 1017—Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 16 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	48	48	49	49	47	49	52	57	61	64	65	63	62	60	59	57	55	52	46	43	41	40	38
State of weather: Nature of precipitation and time of beginning and ending						RR 5.10 RE 5.55																		
Amounts of precipitation						.02																		
Cloudiness and other conditions	Cloudy												Cloudy × PC × Clear											
Sunshine (in tenths of hours)	Sunrise: Time, 5.00 Character, Cloudy				0	0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	0.4	1.0	1.0	0.6 .35 0.3	0		Sunset: Time, 6.21 Character, Clear			
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	8	9	13	12	11	13	13	13	12	11	12	14	15	18	16	15	15	14	14	14	11	9	9
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	65	38	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 8.8

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 66

Prevailing direction NE.

Total movement, 295

Average hourly velocity, 12.3

Maximum velocity, 22 Direction, NE Time. Began 2.16 PM

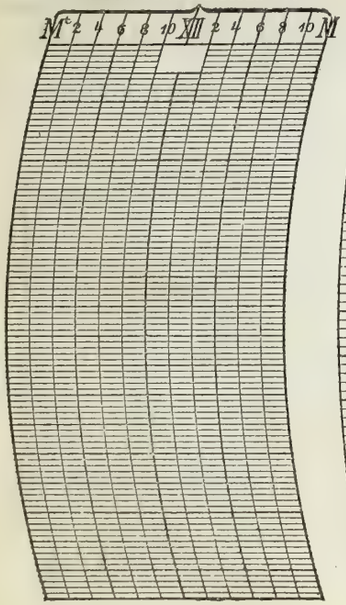
Extreme velocity, 23 NE 2.16 PM.

Relative humidity, 87 a. m. 67 p. m.

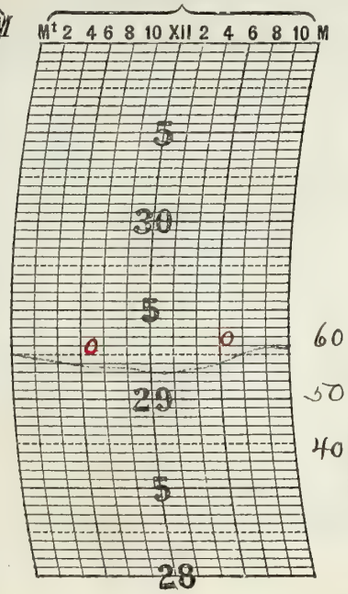
Reduced barometer, 30.11 a. m. 30.11 p. m.

River gage, 2.8 ft

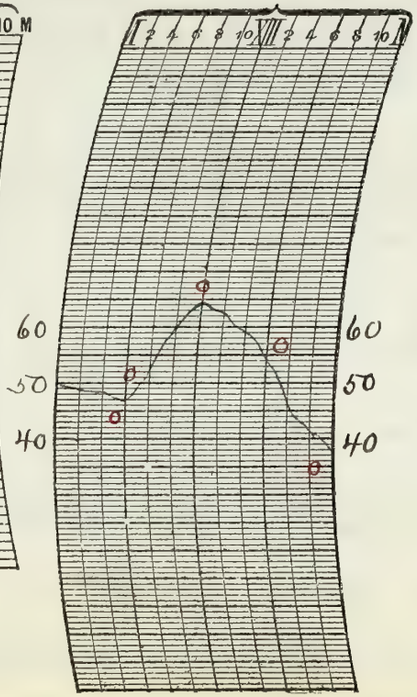
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by } H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	34	33	32	33	38	42	45	50	53	55	59	60	61	62	62	60	58	55	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 4.58 Character, Clear / Sunset: Time, 6.23 Character, Clear																								
Sunshine (in tenths of hours)					0.5 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.38 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE
Wind movement	9	7	9	7	7	7	11	9	9	7	7	7	6	7	6	6	6	6	7	7	6	5	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	32		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity, 13 Direction, NE Began 6.36 AM

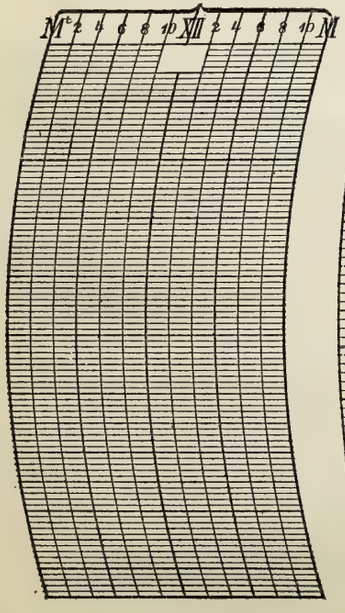
Extreme velocity, 13-NE-6.36 AM.

Relative humidity, 77 a. m. 40 p. m.

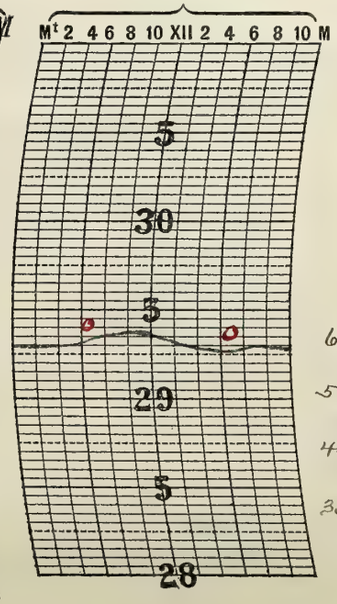
Reduced barometer, 30.30 a. m. 30.18 p. m.

River gage, 2.7 ft.

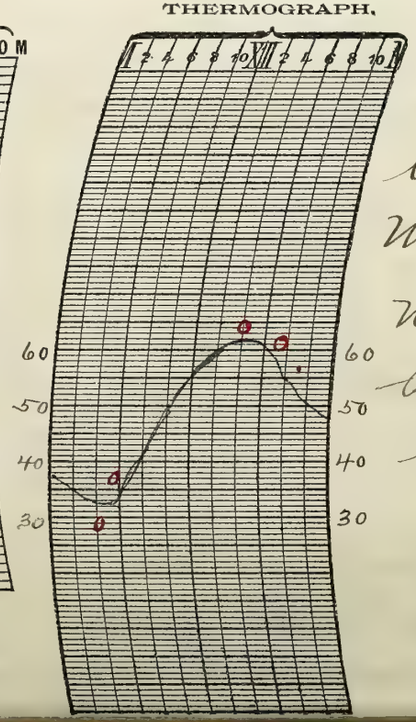
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A killing frost with a minimum temperature of 32° occurred this morning. As the growing crops are not advanced, the damage done was slight.

Sky cloudless from sunrise to sunset.

Prepared by
Verified by } J. H. T. Collman

8—486

Form No. 1011—Met. A

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 18 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	43	44	48	54	57	62	64	67	69	71	72	72	72	71	67	65	63	62	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear					x Pt Cldy					x	Cloudy						
Sunrise: Time, 4.57 Character, Clear																					Sunset: Time, 6.23 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	4	5	4	8	8	11	11	13	14	13	15	15	16	14	12	9	9	8	9	10	11	11
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	43	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.6

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 87

Prevailing direction SW

Total movement, 240

Average hourly velocity, 10.0

Maximum velocity, 18 Direction, SW Time, Began 2.30 PM

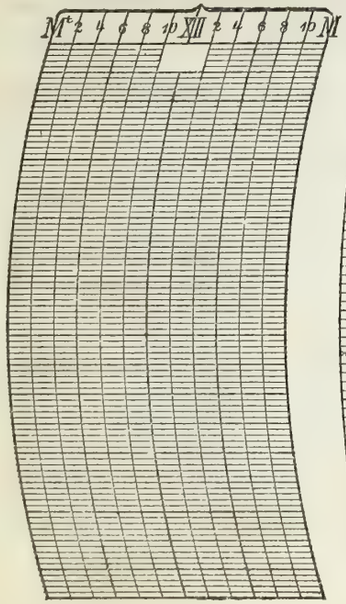
Extreme velocity, 19-SW-2.30 PM.

Relative humidity, 75 a. m. 39 p. m.

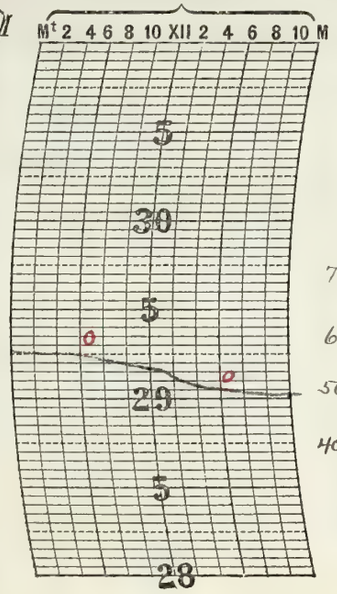
Reduced barometer, 30.17 a. m. 29.96 p. m.

River gage, 2.6 ft.

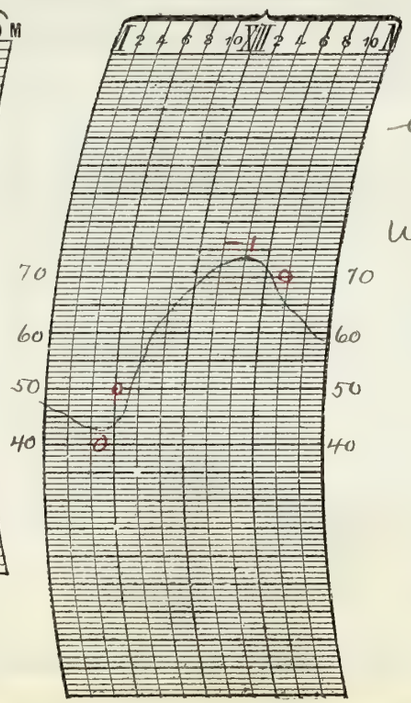
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci. and ci. St. clouds prevailed during part of the day.

An ordinary solar halo of 22° circle was observed from 2.00 P. to 5.00 P.

Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	55	54	54	54	56	61	66	72	74	77	79	80	81	81	74	76	72	68	66	64	63	61
State of weather: Nature of precipitation and time of beginning and ending																	RB 4.40	RE 5.20						
Amounts of precipitation																	T	T						
Cloudiness and other conditions							Cloudy								Pt Cloudy									
Sunrise: Time, 4.56 Character, Cloudy																					Sunset: Time, 6.24 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	N	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	13	13	10	12	13	13	12	15	17	17	18	17	18	18	12	11	12	10	9	11	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

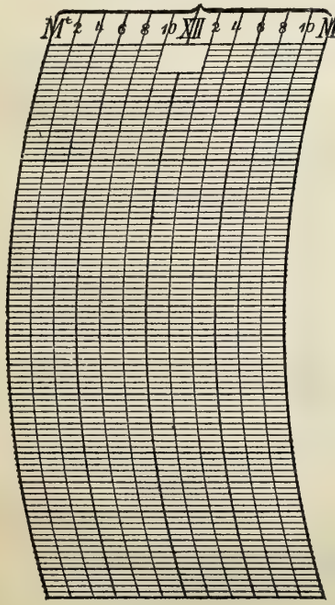
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

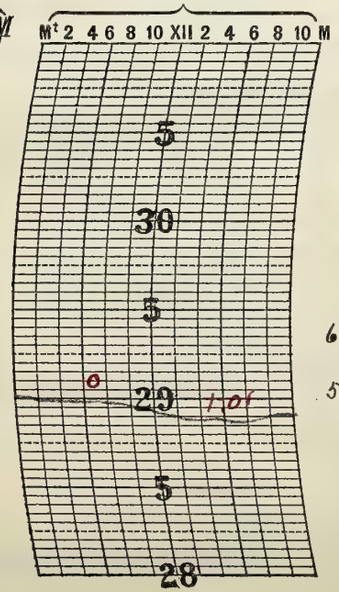
Maximum.	Minimum.	Mean.	Normal.
81	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 9.4
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 70
Prevailing direction SW
Total movement, 316
Average hourly velocity, 13.2
Maximum velocity, 26 Direction, NW Time. Began 4.20 PM
Extreme velocity, 26 - NW - 4.20 PM.
Relative humidity, 53 a. m. 37 p. m.
Reduced barometer, 29.89 a. m. 29.82 p. m.
River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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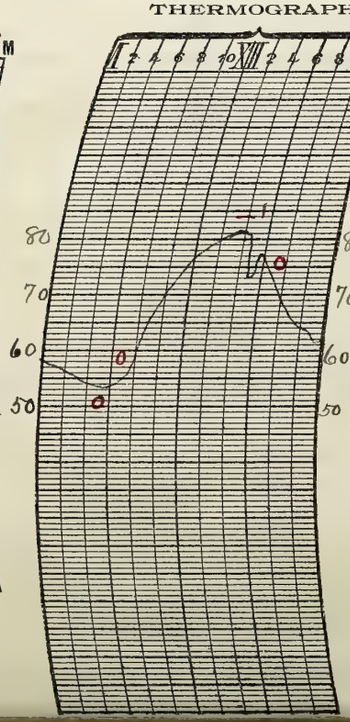


NOTES.

Ci Clouds prevailed during the day.
The word "warning" was added to the Morning weather report sent to "C.O."
It sprinkled at the station from 4.40 P. to 5.20 P.M. preceding which a strong wind blew from the NW. for 20 min from 4.05 P. to 4.25 P.M.
Maple trees are beginning to leaf.

Prepared by
Verified by } H. T. Collman

Form No. 1011 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 20 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	60	59	58	57	57	59	63	68	76	79	79	80	80	80	79	79	76	64	60	59	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				×		Pt Cldy ×				Cloudy					→		
Sunshine (in tenths of hours)	Sunrise: Time, 4.54 Character, Clear				.10 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	0.4	1.0	1.0	0.4	0.3	0	0		Sunset: Time, 6.26 Character, Cloudy			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	NE	NE	NE	E	NE	NE	NE
Wind movement	11	9	7	8	8	8	8	8	9	7	8	10	11	11	10	11	8	13	16	15	15	15	16	17
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

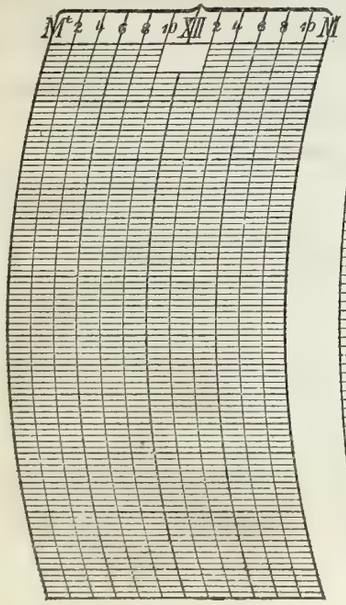
Maximum.	Minimum.	Mean.	Normal.
80	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 10.2
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 76
Prevailing direction SW
Total movement, 259
Average hourly velocity, 10.8

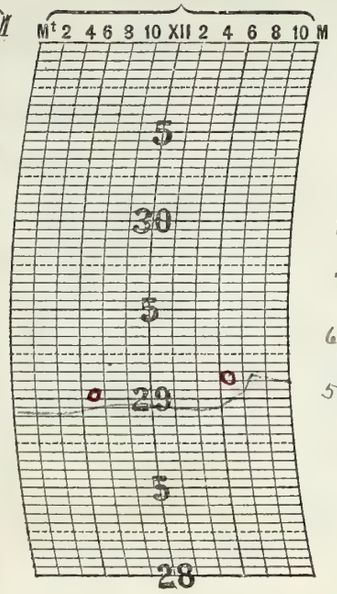
Maximum velocity,	Direction,	Time.
23	NE	Began 11.08 P.M.

Extreme velocity, 24 – NE – 11.08 P.M.
Relative humidity, 67 a. m. 50 p. m.
Reduced barometer, 29.86 a. m. 29.93 p. m.
River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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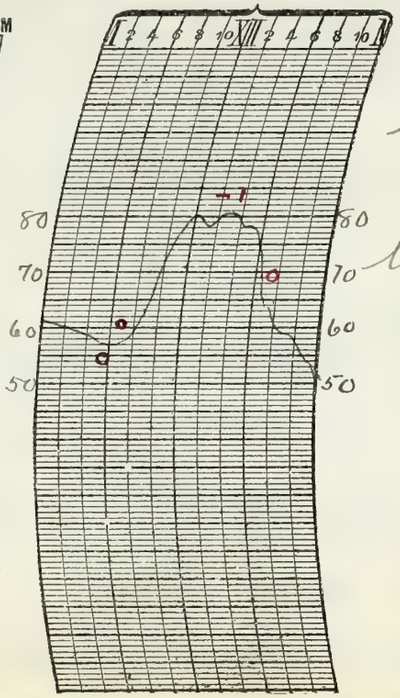


NOTES.

Thunder was heard south of the station from 7.20 P. to 8.20 P.M. The wind was quite gusty during the evening.

Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	49	48	46	45	47	49	50	53	55	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	4.53 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.2	0.5
Wind direction	NE	E	NE	NE	NE	NE	NE	E	NE	E	E	E
Wind movement	18	10	13	16	16	16	18	14	14	15	15	13
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	56	55	53	51	51	49	49	49	47	47
Nature of precipitation and time of beginning and ending					RB 4.45		RE 6.15					
Amounts of precipitation					T	T	T					
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									6.27 Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0.1	0	0	0					
Wind direction	NE	NE	E	NE	E	NE	NE	NE	E	E	E	NE
Wind movement	15	16	16	12	12	10	9	11	11	8	9	7
Maximum velocities (exceeding 24 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

State of weather	Maximum.	Minimum.	Mean.	Normal.
	59	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.1

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 9

Prevailing direction NE

Total movement, 314

Average hourly velocity, 13.1

Maximum velocity, 24 Direction, NE Time. Began 12.07 AM.

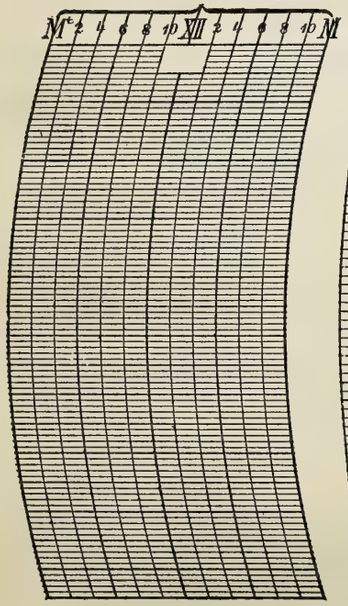
Extreme velocity, 25 - NE - 12.09 AM.

Relative humidity, 61 a. m. 69 p. m.

Reduced barometer, 30.11 a. m. 30.06 p. m.

River gage, 2.6 ft

THERMOGRAPH.



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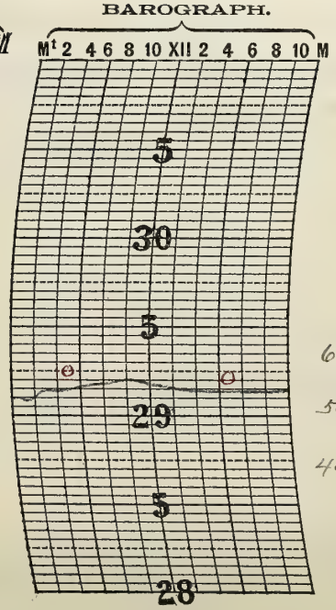
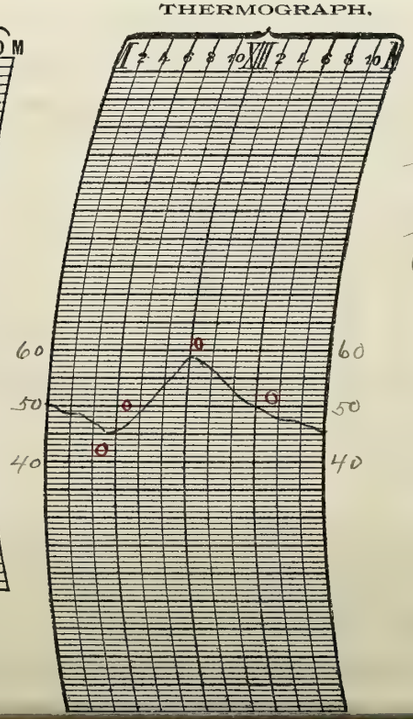


THERMOGRAPH.



NOTES.

Strong winds blew during the day till 3 PM. They were somewhat gusty.

Prepared by
Verified by } H. T. Collman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	46	49	55	57	58	60	61	62	63	61	62
State of weather: Nature of precipitation and time of beginning and ending		RB DN				RE 5.55				RB 9.25		
Amounts of precipitation		T	.06	.11	.01	.04				.20	.01	.03
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character	4.51 Cloudy											
Sunshine (in tenths of hours)					0	0	0.1	0.4	0.1	0	0.4	0
Wind direction	NE	NE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	8	7	7	6	7	9	10	10	11	15	15	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	64	68	69	68	66	65	64	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending	RE 12.40											
Amounts of precipitation	.04											
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character									6.23 Cloudy			
Sunshine (in tenths of hours)	0	0	0.7	1.0	1.0	0.1	0					
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	12	13	11	12	11	12	11	9	9	10	9	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	69	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .50 inches.

Character of day, Cloudy, Moon phase First Quarter

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.8

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 28

Prevailing direction S

Total movement, 246

Average hourly velocity, 10.2

Maximum velocity, 18 Direction, S Began 9.43 AM

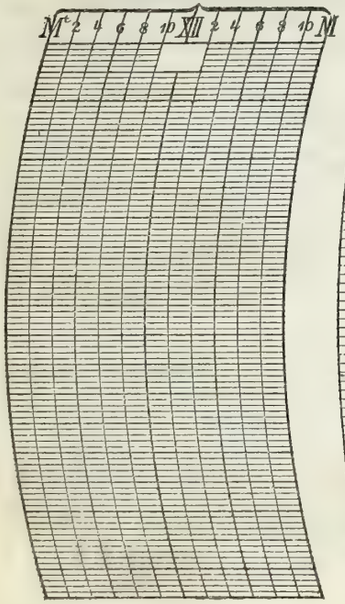
Extreme velocity, 18-S-9.43 AM

Relative humidity, 83 a. m. 80 p. m.

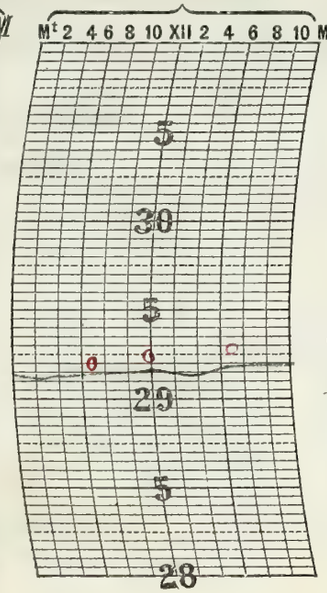
Reduced barometer, 30.07 a. m. 30.10 p. m.

River gage, 2.7 ft.

THERMOGRAPH.



BAROGRAPH.



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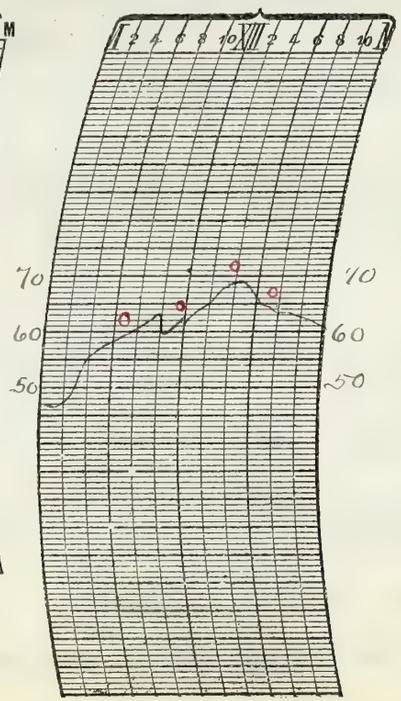


NOTES.

Thunder was heard at 1.30 A.M

Prepared by } J. H. Collins
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) April 2 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	58	58	58	59	60	63	69	68	69	72	76	79	80	80	80	80	77	74	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending							RB 6.30	RE 7.10		RB 9.30 RE 9.40														
Amounts of precipitation							.01	T		T														
Cloudiness and other conditions							Cloudy					P.C.					Clear							
Sunrise: Time, 4.50 Character, Cloudy																					Sunset: Time, 6.29 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.1	0.1	0.9	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8 1.0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	7	7	5	5	4	5	7	5	7	9	6	8	8	7	9	7	7	5	6	6	7	7	7	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 7.4

Actual sunshine, hours, 10.1

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 74

Prevailing direction S

Total movement, 158

Average hourly velocity, 6.6

Maximum velocity, 11 Direction, S Time. Began 9.34 A.M.

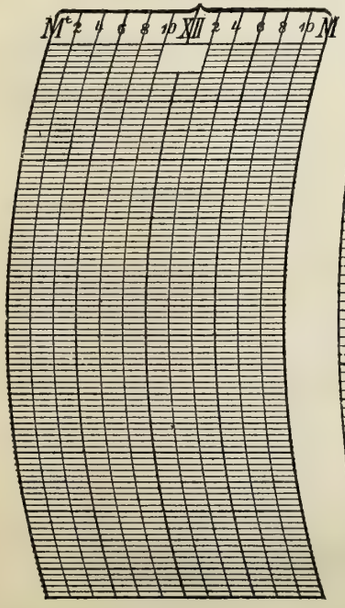
Extreme velocity, 11 S 9.34 A.M.

Relative humidity, 100 a. m. 60 p. m.

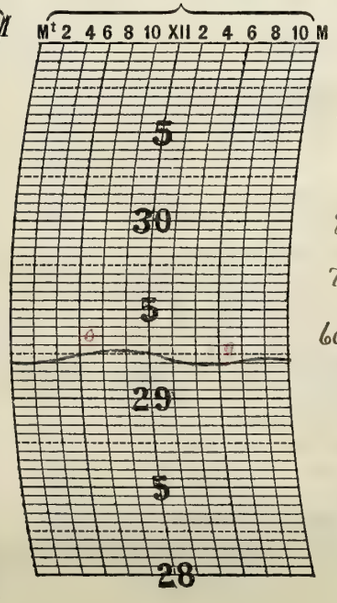
Reduced barometer, 30.18 a. m. 30.11 p. m.

River gage, 2.6 ft

THERMOGRAPH.



BAROGRAPH.



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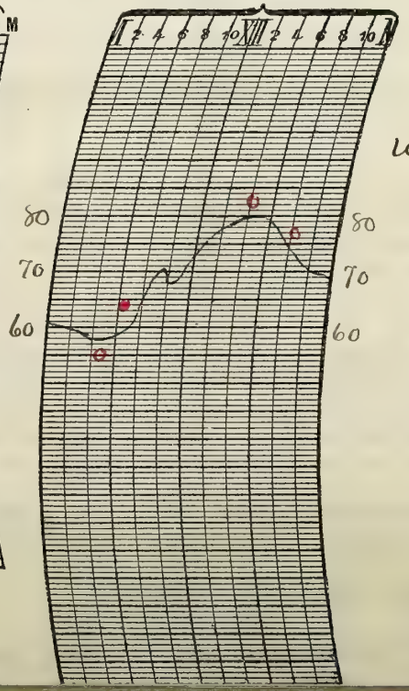


NOTES.

A faint rainbow was observed in the west from 6.29 A to 6.50 A.M.

Cherry trees are in blossom.

Prepared by } H. F. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 24 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	66	65	64	65	65	67	69	74	77	80	82	83	84	85	85	85	83	81	74	71	69	71	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)					0.20 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.50 0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SE	SE	SE	E	SE
Wind movement	5	7	7	5	7	7	5	9	8	7	8	8	9	9	9	9	7	5	3	12	19	18	12	7

Sunrise: Time, 4.48; Character, Clear

Sunset: Time, 6.30; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
85	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) Fair

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity, 26 Direction, SE Time. Began 8.56 P.M.

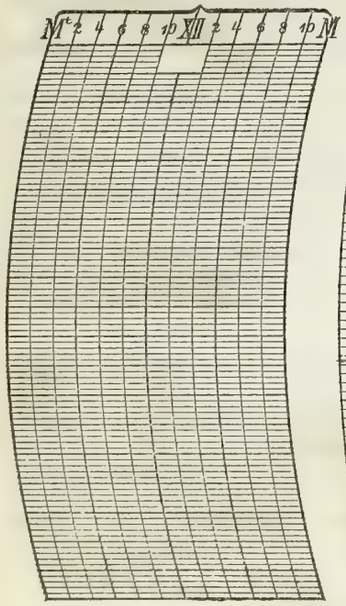
Extreme velocity, 27 SE 8.56 P.M.

Relative humidity, 69 a. m. 48 p. m.

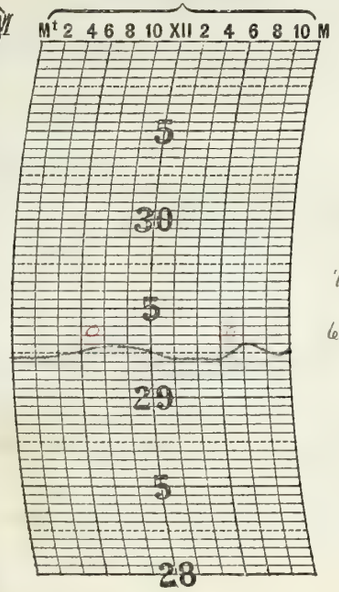
Reduced barometer, 30.19 a. m. 30.15 p. m.

River gage, 2.5 ft

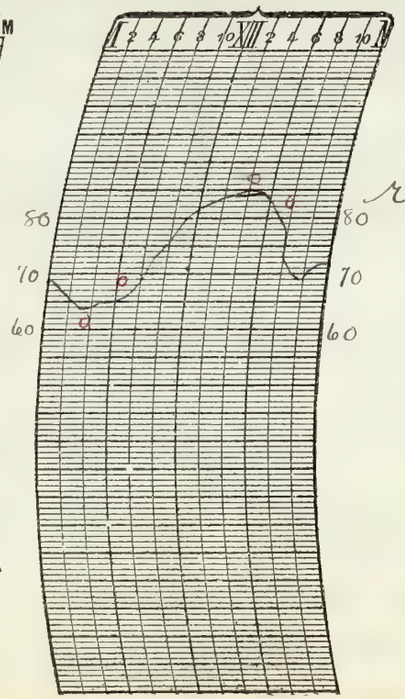
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The wind suddenly increased in velocity at 7.35 P.M. and continued rather gusty until 11.00 P.M.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible] 1916, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	67	66	64	63	61	64	65	68	74	76	80	82	84	85	86	85	84	81	79	78	75	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy × PC × Clear								Clear											
Sunrise: Time, 4.47 Character, Cloudy																					Sunset: Time, 6.31 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 .52 0.3	0					
Wind direction	SE	SW	W	SW	SW	W	W	N	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	O	S	S	S	S	W
Wind movement	3	7	4	6	2	2	2	2	3	5	5	6	5	5	5	5	3	3	0	2	3	1	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
86	61	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 10.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 78

Prevailing direction SW

Total movement, 85

Average hourly velocity, 3.6

Maximum velocity, 9 Direction, W Time. Began 1.37 AM

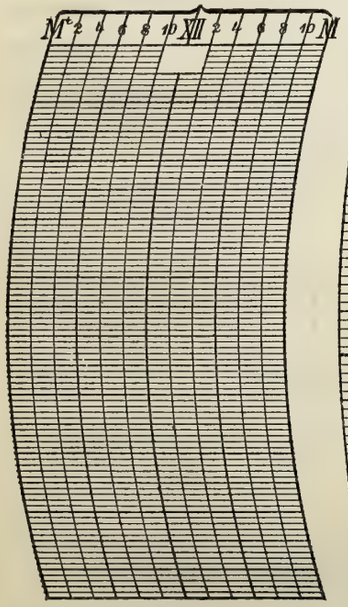
Extreme velocity, 9-W-1.37 A.M.

Relative humidity, 70 a. m. 48 p. m.

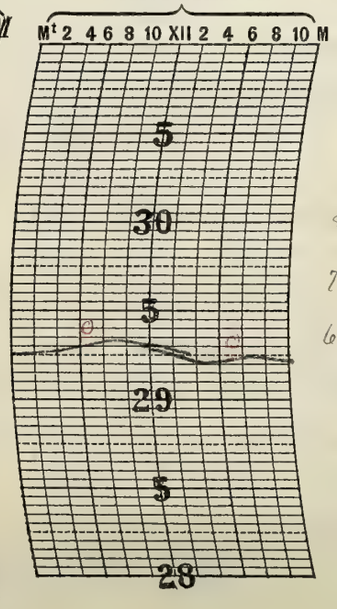
Reduced barometer, 30.23 a. m. 30.13 p. m.

River gage, 2.7 ft.

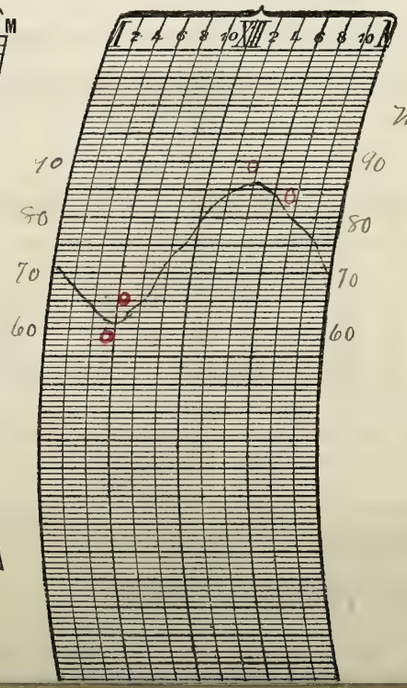
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the early morning.

Prepared by
Verified by } H. T. Collman.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 26 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	66	65	62	65	70	71	78	82	84	87	87	86	87	84	80	77	76	75	75	73	70	69
State of weather: Nature of precipitation and time of beginning and ending														RB 1.10 RE 1.15 T										
Amounts of precipitation																								
Cloudiness and other conditions							Clear						×	PC.			×		Clear					
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.7	0	0	0					
Wind direction	W	SW	SW	SW	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NE	E	SE	SE	SE	SE	SE
Wind movement	1	3	1	1	2	1	3	6	5	6	6	5	9	9	12	8	7	4	4	5	3	3	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.45; Character, Clear

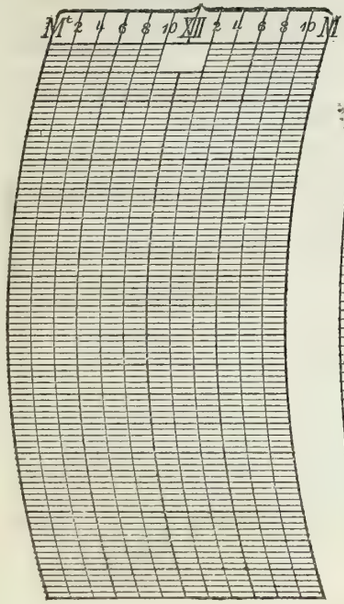
Sunset: Time, 6.32; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
		.25	1.00	2															
Excessive precipitation, accumulated amounts																			

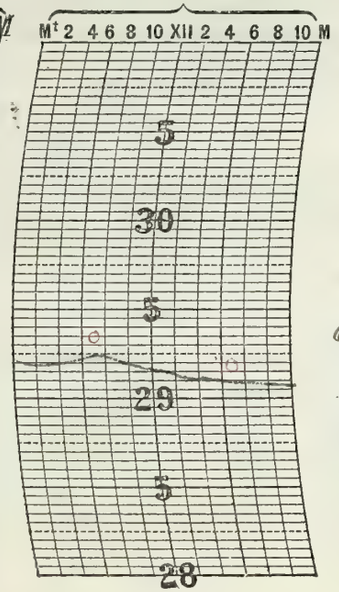
	Maximum.	Minimum.	Mean.	Normal.
	87	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 7.4
Actual sunshine, hours, 10.8
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 78
Prevailing direction SW.
Total movement, 115
Average hourly velocity, 4.8
Maximum velocity, 15 Direction, S Time, Began 2.28 P.M.
Extreme velocity, 16-S-2.28 P.M.
Relative humidity, 77 a. m. 57 p. m.
Reduced barometer, 30.14 a. m. 30.00 p. m.
River gage, 3.0 ft

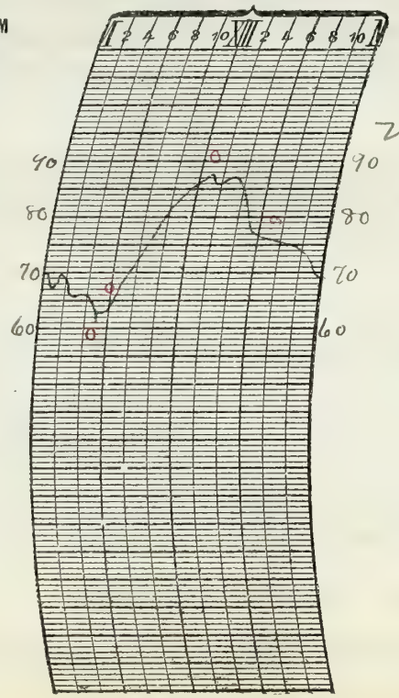
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the early morning.

Prepared by
Verified by } J. H. Collman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible] 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	67	66	64	65	67	72	74	76	77	79	80	81	82	76	76	75	73	71	69	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																RB 3.15 RL 3.30					RB 8.45	RL 9.30		
Amounts of precipitation																.03					T	T		
Cloudiness and other conditions					←			Pt Cloudy							Pt Cloudy							→		
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.4	0.3 0.2	.55 0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	7	6	7	9	9	11	14	18	22	20	22	22	22	19	16	15	14	11	12	13	10	8
Maximum velocities (exceeding 25 miles) direction and time																32 SW 3.16								

Sunrise: Time, 4.44 Character, Cloudy

Sunset: Time, 6.33 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
82	64	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 10.2

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 74

Prevailing direction SW.

Total movement, 320

Average hourly velocity, 13.3

Maximum velocity, 32 Direction, SW Time. Began 3.16 PM

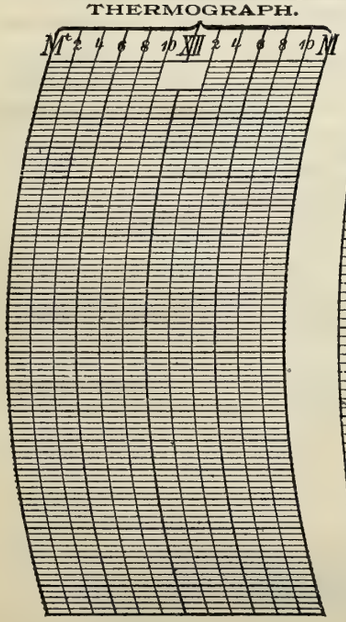
Extreme velocity, 40 - SW - 3.18 PM.

Relative humidity, 68 a. m. 58 p. m.

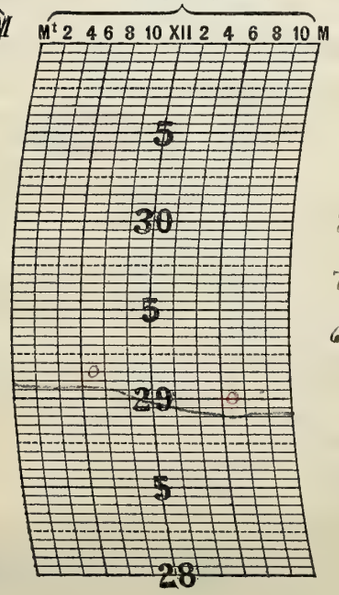
Reduced barometer, 29.97 a. m. 29.81 p. m.

River gage, 3.0 ft

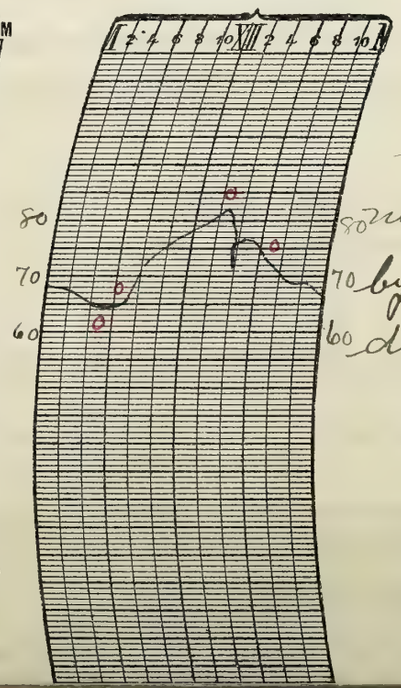
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in early morning. a strong, steady wind blew during the middle of the day accompanied by a sudden gust and some rain during the afternoon.

Prepared by } H. T. Collman.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 28 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	61	60	59	58	64	66	69	72	74	77	81	81	74	81	79	77	75	69	68	68	68	65
State of weather: Nature of precipitation and time of beginning and ending															RB 2.15 RE 2.40									
Amounts of precipitation															.03									
Cloudiness and other conditions						← Clear					× Pt Cldy					×	Clear							→
Sunshine (in tenths of hours)					.28 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	1.0	1.0	1.0	.57 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	SW	SW	SW	SW
Wind movement	7	6	7	7	7	7	7	12	14	12	14	14	20	19	13	14	19	12	4	5	8	8	10	10
Maximum velocities (exceeding 29 miles) direction and time													30 SW 12.55											

Sunrise: Time, 4.43; Character, Clear

Sunset: Time, 6.34; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	81	58	70	

Total depth of snow for 24 hours ending 1 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 94

Prevailing direction SW

Total movement, 258

Average hourly velocity, 10.8

Maximum velocity, 30 Direction, SW Began 12.55 P.M.

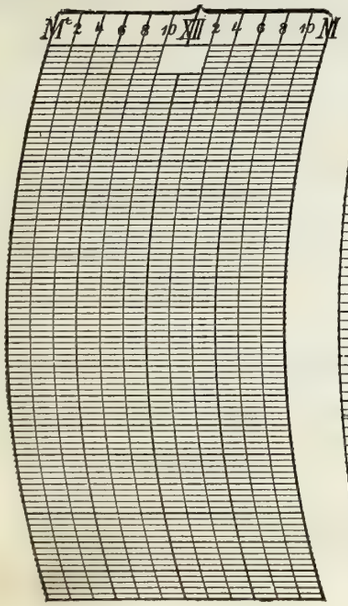
Extreme velocity, 32 SW - 12.55 P.M.

Relative humidity, 78 a. m. 44 p. m.

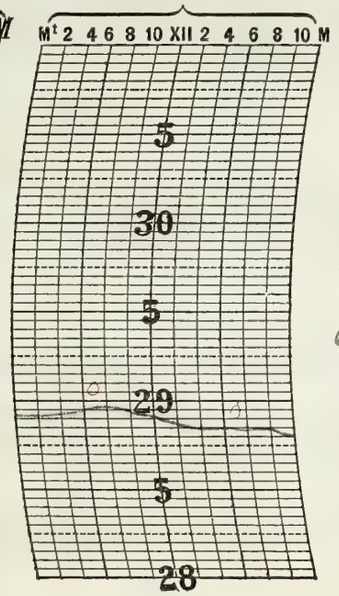
Reduced barometer, 29.86 a. m. 29.73 p. m.

River gage, 2.9 ft.

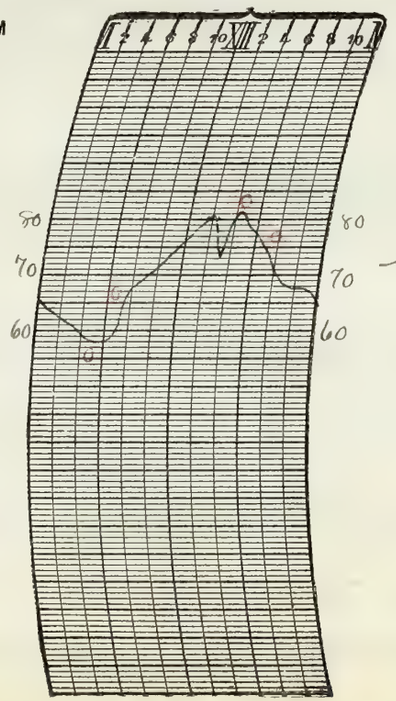
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Heavy dew formed in the early morning.
Light ⊼ 2.29 P.M.
Strong steady wind blew from sunrise to sunset.

Prepared by
Verified by } H. T. Collins

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Jan 21 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	62	58	55	53	54	56	58	60	62	63	65	66	66	65	63	60	59	56	56	54	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							Clear					→				
Sunrise: Time, 4.41 Character, Clear																					Sunset: Time, 6.35 Character, Clear			
Sunshine (in tenths of hours)					.32 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.58 0					
Wind direction	Sw	W	NW	NW	NW	NW	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	12	11	9	9	10	11	13	12	16	17	19	20	20	18	21	17	16	9	4	4	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts.																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full New

Average daily cloudiness (0-10) Few

Actual sunshine, hours, 13.9

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 293

Average hourly velocity, 12.2

Maximum velocity, 25 Direction, W Began 2.10 P.M.

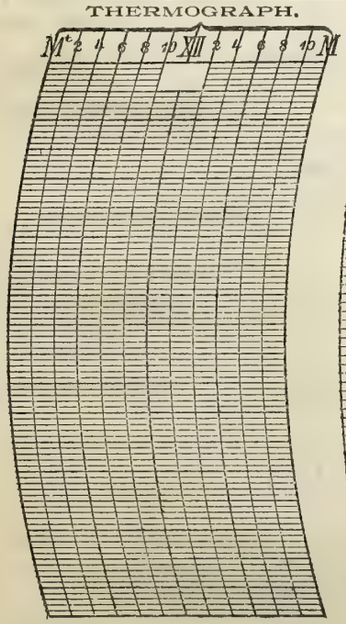
Extreme velocity, 25-W-2.10 P.M.

Relative humidity, 48 a. m. 54 p. m.

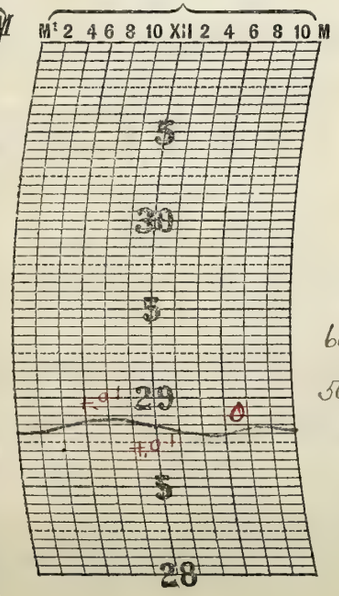
Reduced barometer, 29.79 a. m. 29.70 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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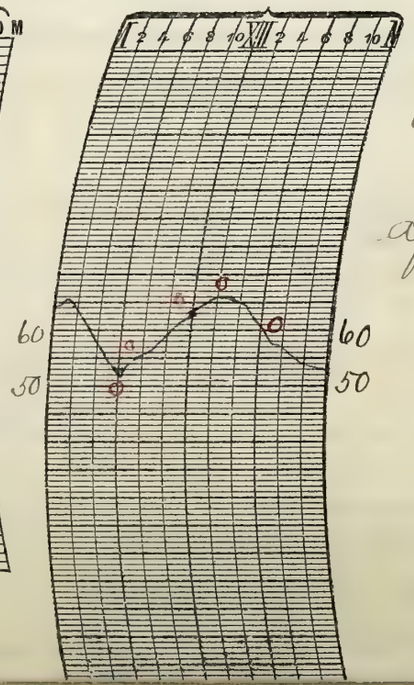


NOTES.

Few clouds were observed during the day.

Strong steady winds blew during the afternoon.

Prepared by } H. T. Collman.
Verified by }

Form No. 1011-Rev.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APRIL 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	51	51	49	49	52	56	60	60	60	61 60	60	60	55	56	53	52	52	49	47	45	43	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear		×	PC	×	Cloudy							×	Clear						→
Sunshine (in tenths of hours)				0	0	0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	1.0	0.5	0.1	0.7	0.2 0.8	1.6 0					
Wind direction	SW	SW	W	W	W	SW	SW	W	W	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	4	4	4	2	4	4	4	7	12	14	13	15	16	16	18	15	15	15	10	5	6	7	6	6

Sunrise: Time, 4.40 Character, Cloudy

Sunset: Time, 6.36 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 10.3

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 74

Prevailing direction NW.

Total movement, 222

Average hourly velocity, 9.7

Maximum velocity, 22 Direction, NW Time. Began 1.37 P.M.

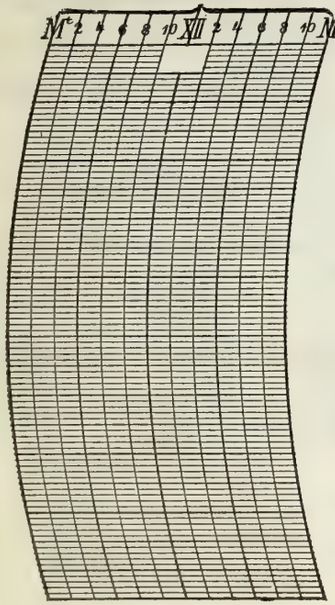
Extreme velocity, 23 - NW - 1.37 P.M.

Relative humidity, 72 a. m. 67 p. m.

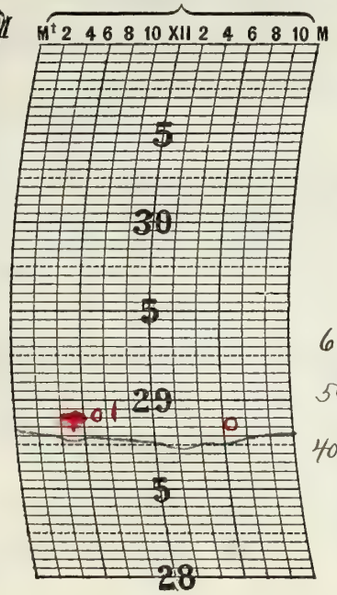
Reduced barometer, 29.67 a. m. 29.67 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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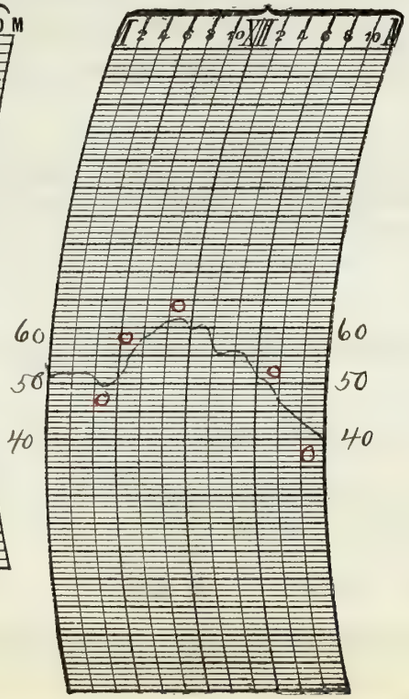


NOTES

Bank of st. Clouds on NE horizon to 6.00 AM.
Sunshine at 6.00 AM.
Sunrose cloudy.

Prepared by } J. H. T. Collman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 1 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	38	37	36	39	41	44	45	47	49	51	54	57	60	61	59	60	59	58	57	54	51	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt. Cloudy							×	Cloudy				×		Pt Cldy →					
Sunrise: Time, Character,	4.39 Cloudy																				Sunset: Time, Character, 6.37 Cloudy			
Sunshine (in tenths of hours)				0	0	0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.6	0					
Wind direction	N	NW	N	N	N	N	N	N	N	NE	NW	NW	NW	NW	NW	NW	N	N	NW	N	N	N	N	N
Wind movement	5	5	5	5	4	3	6	9	9	8	5	5	7	6	6	6	4	5	3	5	4	4	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 10.5

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 75

Prevailing direction N

Total movement, 127

Average hourly velocity, 5.3

Maximum velocity, 14 Direction, NE Time. Began 7.44 A

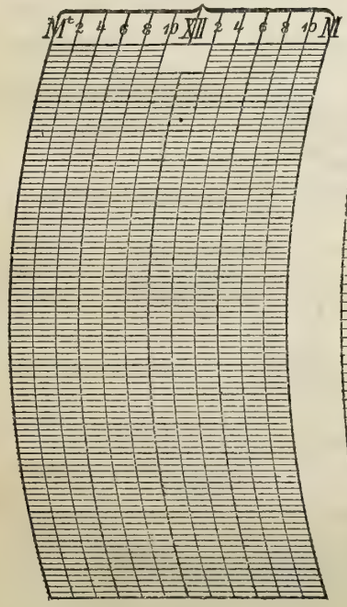
Extreme velocity, 14-NE-7.44 A.

Relative humidity, 70 a. m., 52 p. m.

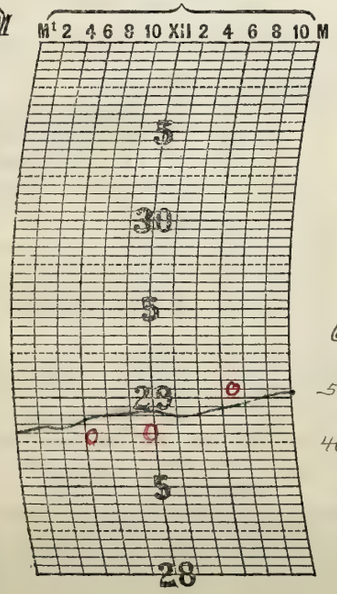
Reduced barometer, 29.82 a. m. 29.89 p. m.

River gage, 2.8 ft

THERMOGRAPH.



BAROGRAPH.



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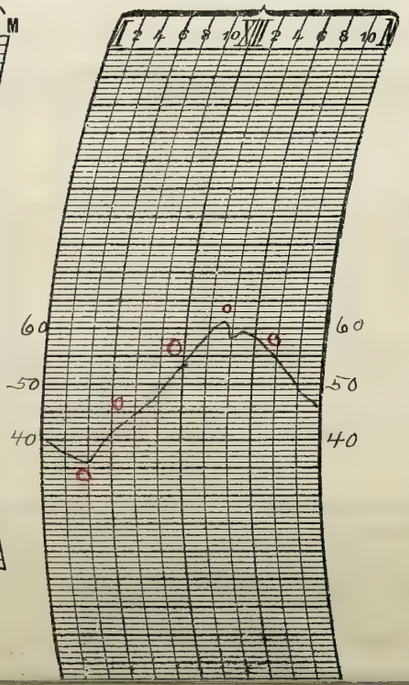


NOTES.

Prepared by
Verified by } H. F. Collman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 2 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	43	42	42	41	42	50	57	59	62	64	60	59	58	59	60	57	57	57	56	55	55	54	54
State of weather: Nature of precipitation and time of beginning and ending												RB 11.30	RE 12.05 RB 12.50	RE 1.35			RB 4.05 RE 4.55		RB 6.10	RE 7.15				
Amounts of precipitation												.06	T	.01			.01		T	T				
Cloudiness and other conditions	← Pt Cldy × Cloudy												Cloudy											
Sunrise: Time, 4.37 Character, Cloudy																					Sunset: Time, 6.38 Character, Cloudy			
Sunshine (in tenths of hours)				0	0	1.0	1.0	1.0	1.0	1.0	0.1	0.6	0	0	0	0	0	0						
Wind direction	N	N	NE	NE	NE	E	E	SE	S	SE	S	SW	E	NE	SE	SE	NE	E	SE	NE	E	E	E	E
Wind movement	4	5	4	4	3	5	3	3	7	6	7	5	6	5	6	5	4	5	5	6	8	6	6	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

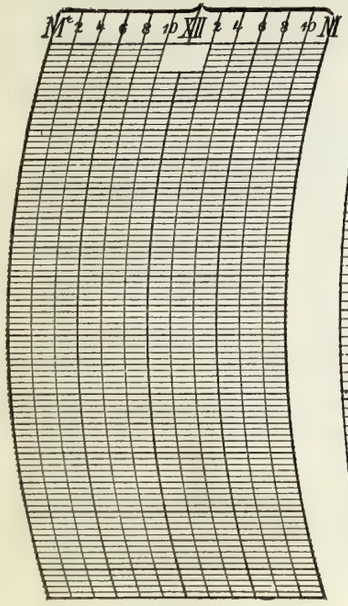
Maximum.	Minimum.	Mean.	Normal.
64	41	52	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.8 ins.
Total precipitation, midnight to midnight, 0.8 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 5.7
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 41
Prevailing direction E
Total movement, 124
Average hourly velocity, 5.2

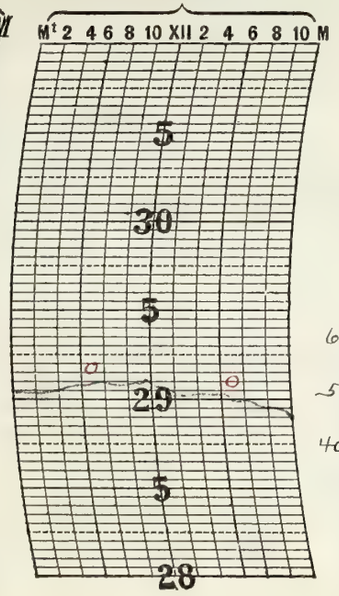
Maximum velocity,	Direction,	Time.
11	E	Began 8.16 P

Extreme velocity, 11 – E – 8.16 P.
Relative humidity, 73 a. m., 100 p. m.
Reduced barometer, 30.03 a. m., 29.94 p. m.
River gage, 2.7 ft

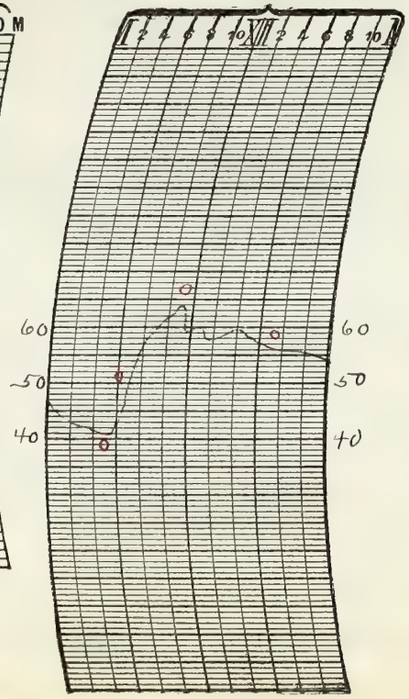
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by
Verified by } J. H. Collman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 3 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	51	49	50	51	56	62	65	69	72	73	76	76	75	73	68	58	54	51	49	48
Nature of precipitation and time of beginning and ending					RB DN		RE 6.10												RB 6.05		RE 8.15			
Amounts of precipitation					T	.17	T												T	.06	T			
Cloudiness and other conditions	Cloudy								P.C.				Clear		P.C.				Cloudy					

Sunrise: Time, 4.36 Character, Cloudy

Sunset: Time, 6.39 Character, Cloudy

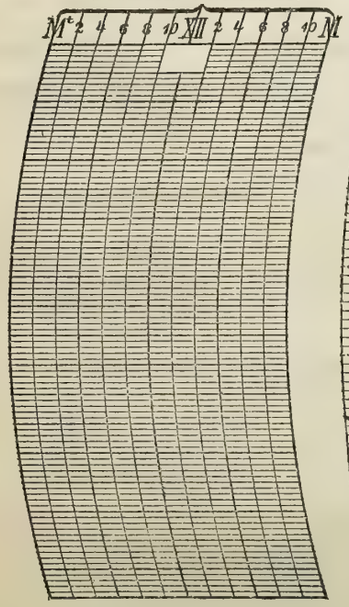
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0					
Wind direction	NE	E	E	E	E	NE	E	SE	SE	SW	SW	SW	W	W	W	W	SW	SW	SW	NE	NE	NE	E	E
Wind movement	8	9	10	11	10	10	7	6	7	10	12	15	15	17	16	13	9	10	12	14	10	11	9	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

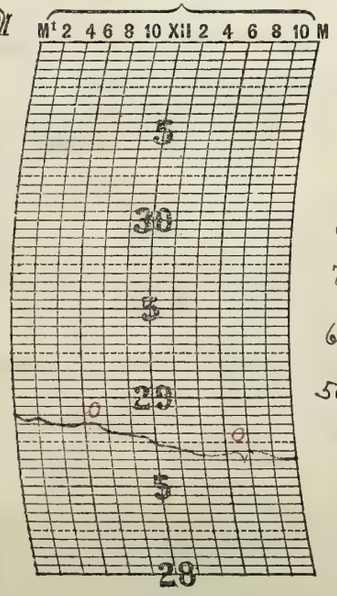
	Maximum.	Minimum.	Mean.	Normal.
	76	48	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .17 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7.6
Actual sunshine, hours, 7.0
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 50
Prevailing direction E
Total movement, 257
Average hourly velocity, 10.7
Maximum velocity, 25 Direction, SW Time, Began 5.44 P
Extreme velocity, 26 - SW - 5.46 P
Relative humidity, 92 a. m. 100 p. m.
Reduced barometer, 29.73 a. m., 29.60 p. m.
River gage, 2.7 ft

THERMOGRAPH.



BAROGRAPH.



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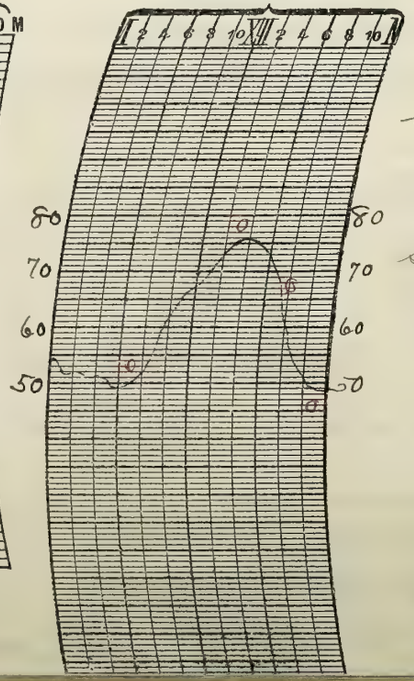


NOTES.

A light ⚡ occurred at 5.00 A.M. and also at 6.40 P.M.
The wind during the day was shifty and squally.

Prepared by } H. T. Collman
Verified by }

Form No. 1012—Sec. 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 4 1915, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	49	49	47	49	49	51	50	52	54	49	48
Nature of precipitation and time of beginning and ending											RB 10.10	RE 11.50
Amounts of precipitation											.07	.10
Cloudiness and other conditions				←				Cloudy				
Sunrise: Time, 4.35 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0.1	0	0	0.6	0	0
Wind direction	SW	SW	W	W	W	NW	NW	W	W	W	SW	SW
Wind movement	3	4	14	12	12	13	13	12	11	13	19	19
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	49	48	48	47	47	47	46	45	43	41	39
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy					PC	Clear	→		
Sunset: Time, 6.40 Character, Cloudy												
Sunshine (in tenths of hours)	0.5	0.1	0	0	0	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	W	W	SW
Wind movement	19	24	20	17	15	13	11	10	9	8	7	8
Maximum velocities (exceeding ____ miles) direction and time		30 W 1.22										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.3

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 9

Prevailing direction W

Total movement, 306

Average hourly velocity, 12.8

Maximum velocity,	Direction,	Time.
30	W	Began 1.22 P.

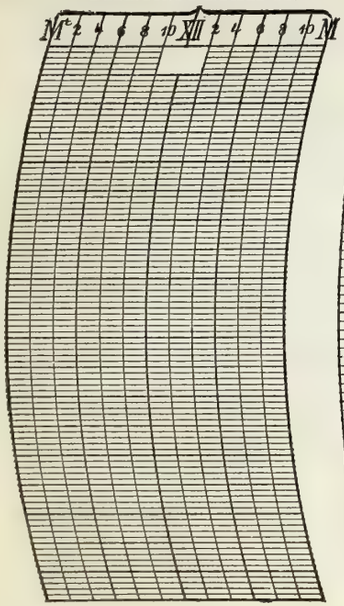
Extreme velocity, 31-W-1.23 P.

Relative humidity, 81 a. m. 69 p. m.

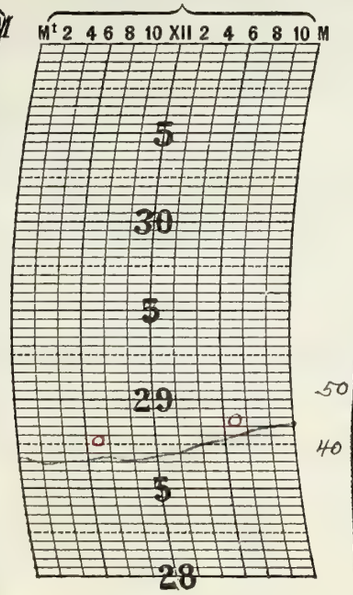
Reduced barometer, 29.56 a. m. 29.72 p. m.

River gage, 2.9 ft

THERMOGRAPH.



BAROGRAPH.



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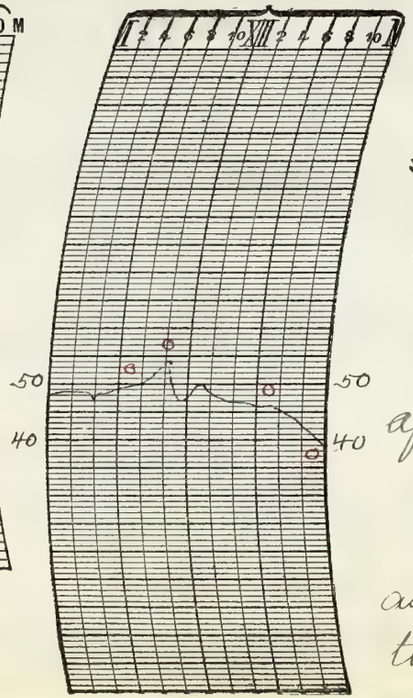


NOTES

The following warning was received from "C.O." at 9.15 A.M. with the morning forecast. "Possibly light frost in low places tonight" It was disseminated in the morning forecasts at 9.16 A.M.

Strong steady winds prevailed during the afternoon.

The sky cleared at 7.30 P.M.

Some hail was reported from the northern and western portions of the city during the forenoon from 10.15 A to 10.25 A.M.

Prepared by }
Verified by } H. A. Collins

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 5 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	39	39	38	35	38	42	46	49	51	52	53
Nature of precipitation and time of beginning and ending										RB 9.50		RE 11.45
Amounts of precipitation										T	T	T
Cloudiness and other conditions			← Clear					× P.C.	×	Cloudy		
Sunrise: Time, Character,	4.33 Clear											
Sunshine (in tenths of hours)					0	0.3	0.8	0.5	0.8	0.5	0.5	0.7
Wind direction	SW	W	W	W	SW	W	W	SW	W	W	W	SW
Wind movement	8	5	6	5	8	5	5	7	9	8	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	55	59	59	53	53	52	50	44	49	48
Nature of precipitation and time of beginning and ending		RB 1.45	RE 2.10			RB 5.02 RE 5.57						
Amounts of precipitation		T	T			.14						
Cloudiness and other conditions			Cloudy				× P.C.	× Clear	→			
Sunset: Time, Character,									6.41 Cloudy			
Sunshine (in tenths of hours)	0.8	0.3	0.1	1.0	0.2	0	0					
Wind direction	SW	S	W	W	W	N	NW	W	SW	S	S	S
Wind movement	6	8	4	5	3	5	4	4	7	7	6	6

State of weather.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 7.6

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 54

Prevailing direction W

Total movement, 149

Average hourly velocity, 6.2

Maximum velocity, 19 Direction, SW Time. Began 1.47 P.

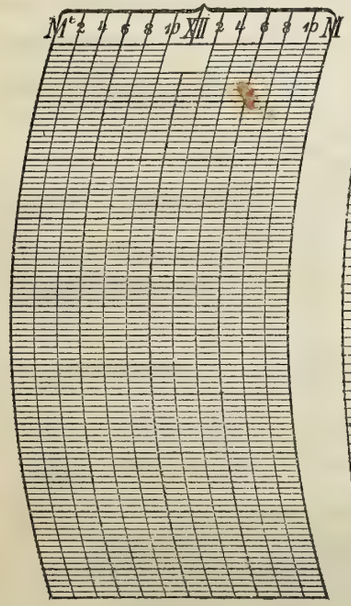
Extreme velocity, 23-SW-1.47P

Relative humidity, 84 a. m., 82 p. m.

Reduced barometer, 29.83 a. m., 29.86 p. m.

River gage, 2.7 ft.

THERMOGRAPH.



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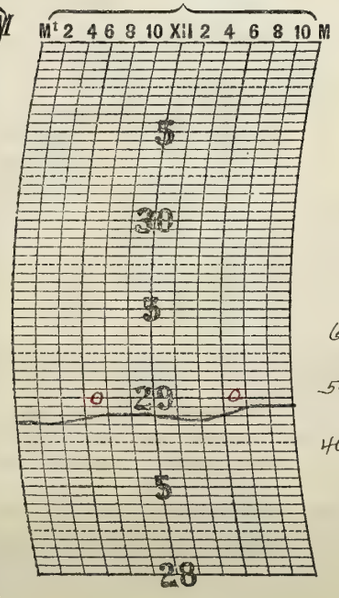

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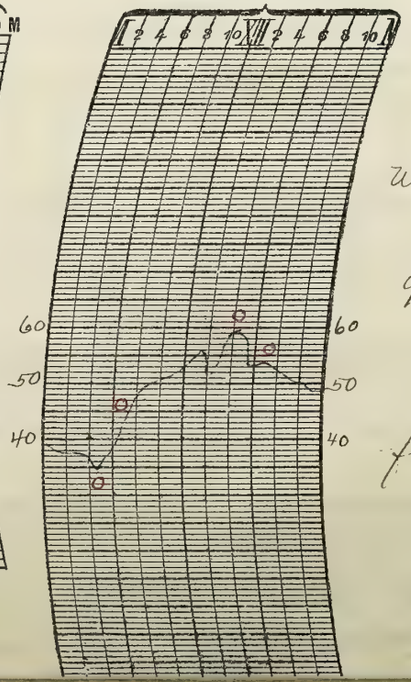


NOTES.

A heavy frost occurred in the morning. The damage done to fruit and vegetables was slight.

The following warning was received at 9.01 A.M. from "C.O." with the morning forecast. "Probably frost tonight in low places." It was disseminated in the morning forecasts at 9.08 A.M.

Prepared by } H. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	47	47	48	51	53	58	64	65	66 65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	0.7
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SE
Wind movement	5	6	7	7	6	6	7	7	7	8	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	62	63	63	62	61	62	63	57	56	55
Nature of precipitation and time of beginning and ending		RB 1.10 RE 1.55					RB 6.02 RE 6.15	RB 7.55				
Amounts of precipitation		T					T	T	T	.02	.05	.11
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0.2	0	0	0					
Wind direction	S	S	SE	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	15	10	6	9	9	8	8	6	7	14	17	11

Cloudy (morning) — Cloudy (afternoon)

Sunrise: Time, 4.32 Character, Cloudy

Sunset: Time, 6.42 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10), 7.8

Actual sunshine, hours, 3.2

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 23

Prevailing direction S

Total movement, 210

Average hourly velocity, 8.8

Maximum velocity, 19 Direction, SE Began 10.31 P.

Extreme velocity, 19-SE-10.31 P

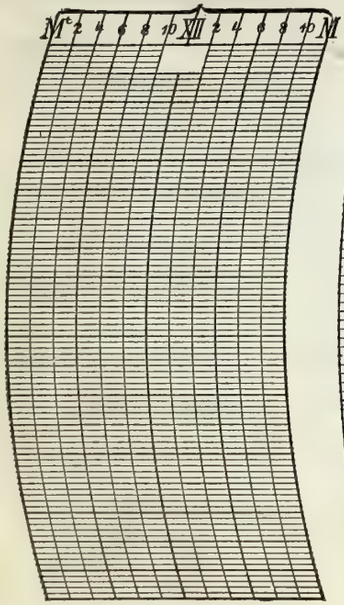
Relative humidity, 78 a. m. 68 p. m.

Reduced barometer, 29.94 a. m. 29.77 p. m.

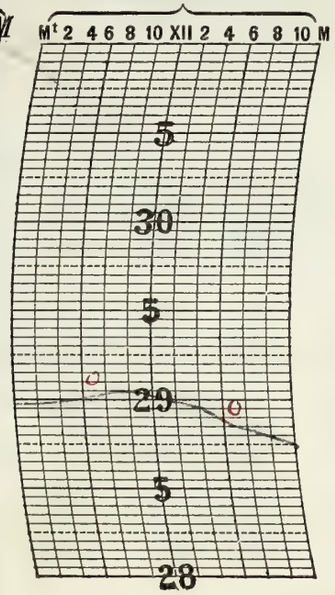
River gage, 2.6 ft

NOTES

THERMOGRAPH.



BAROGRAPH.



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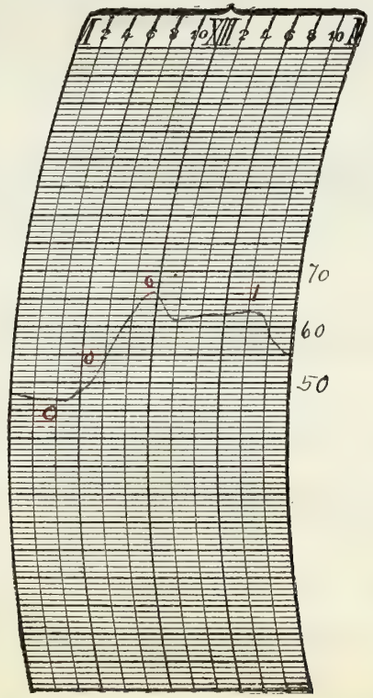


Prepared by
Verified by } H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 7 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	58	59	61	63	64	64	60	61	62	63	60
Nature of precipitation and time of beginning and ending		RE DN							RB 8.00		RE 10.14	
Amounts of precipitation	.19	.11							T	T	T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	4.31 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0	0.8	0.3
Wind direction	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	13	15	15	13	18	19	20	23	21	17	22	26
Maximum velocities (exceeding 29 miles) direction and time								30 SW 7.45			30 SW 10.56	34 SW 11.43

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	59	59	60	60	58	55	54	53	52	52	52
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy ~~PC~~ Clear →											
Sunset: Time, Character									6.43 Clear			
Sunshine (in tenths of hours)	0.5	0.7	0.4	0.2	1.0	0.2 .8	.12 0					
Wind direction	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	21	17	17	18	16	12	11	11	12	14	14
Maximum velocities (exceeding 29 miles) direction and time	32 W 12.05											

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

State of weather.

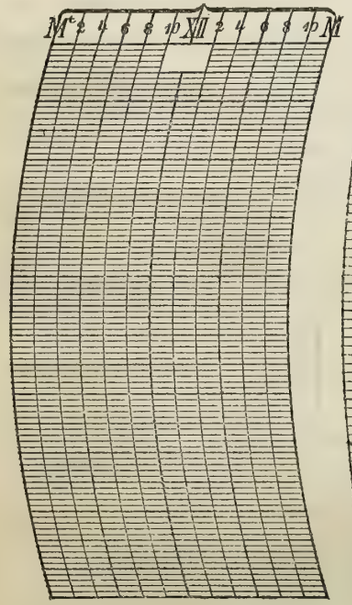
	Maximum.	Minimum.	Mean.	Normal.
	64	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .48 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 5.9
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 42
Prevailing direction SW.
Total movement, 408
Average hourly velocity, 17.0

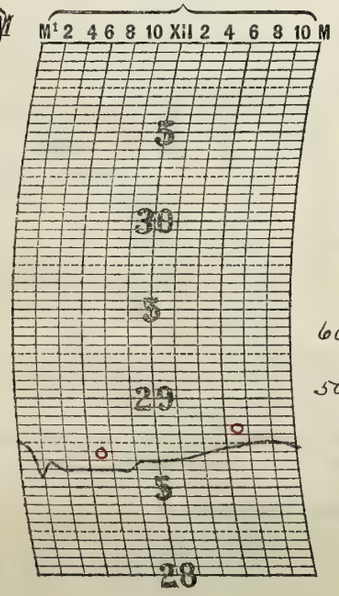
Maximum velocity,	Direction,	Time.
34	SW	Began 11.43 A.

Extreme velocity, 35 - SW - 11.43 A.M.
Relative humidity, 76 a. m. 61 p. m.
Reduced barometer, 29.50 a. m. 29.64 p. m.
River gage, 2.5 ft

THERMOGRAPH.



BAROGRAPH.



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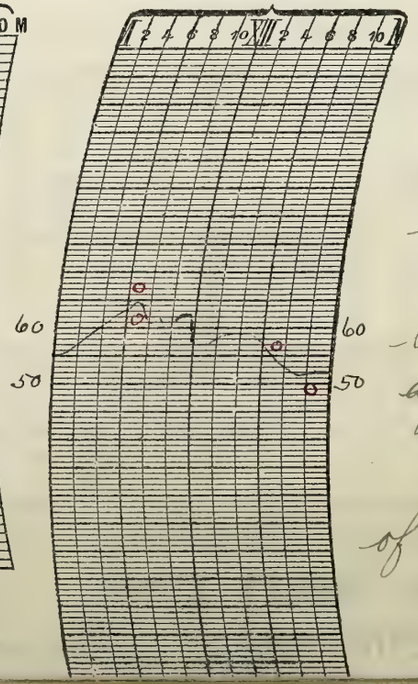


NOTES.

The following warning was received from "CO" "cooler tonight probably frost north portion". It was received at 9.18 A.M. and disseminated at 9.25 with the morning forecasts.

High and somewhat gusty winds prevailed during the forenoon and part of the afternoon.

Mr. P. McDonough assumed charge of the station on this date.

Prepared by } H. T. Collman
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 8 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	51	50	49	50	52	57	60	63	64	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						×P.C.	
Sunrise: Time, Character	4.30 Clear											
Sunshine (in tenths of hours)					.50 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	15	14	14	15	16	17	20	22	21	24	24
Maximum velocities (exceeding 25 miles) direction and time											30 SW 10.30	30 SW 10.40

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	65	64	58	61	58	53	52	50	49	48	47
Nature of precipitation and time of beginning and ending		RB 1.10	RE 2.50									
Amounts of precipitation		T	T									
Cloudiness and other conditions	× Cloudy											
Sunset: Time, Character									6.44 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.1	0.5	0.5	0.4	0					
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	26	24	24	24	26	24	14	13	19	16	16	15
Maximum velocities (exceeding 25 miles) direction and time	34 SW 12.30	30 SW 1.25	30 SW 2.35		35 SW 4.01	32 W 5.07						

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

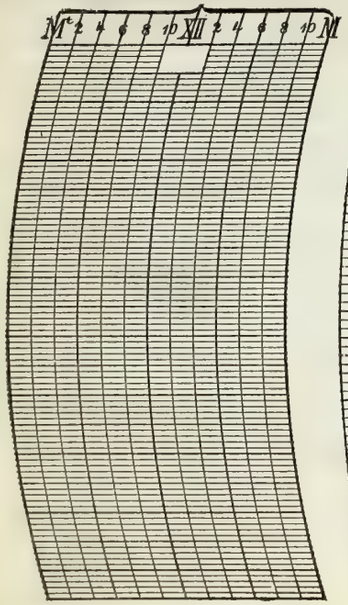
Maximum.	Minimum.	Mean.	Normal.
67	47	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6.5
Actual sunshine, hours, 11.0
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 77
Prevailing direction SW
Total movement, 457
Average hourly velocity, 19.0

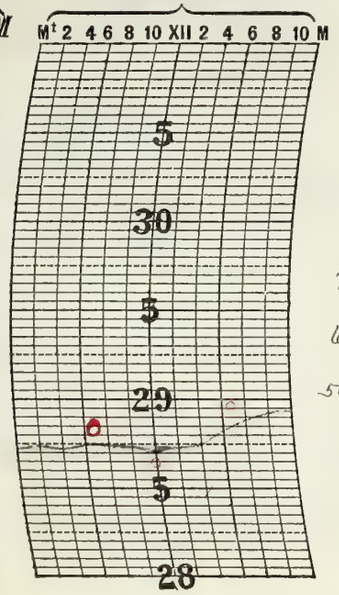
Maximum velocity,	Direction,	Time.
35	SW	Began 4.01 P.

Extreme velocity, 36 SW - 4.01 P.
Relative humidity, 74 a. m., 63 p. m.
Reduced barometer, 29.65 a. m., 29.75 p. m.
River gage, 2.5 ft.

THERMOGRAPH.



BAROGRAPH.



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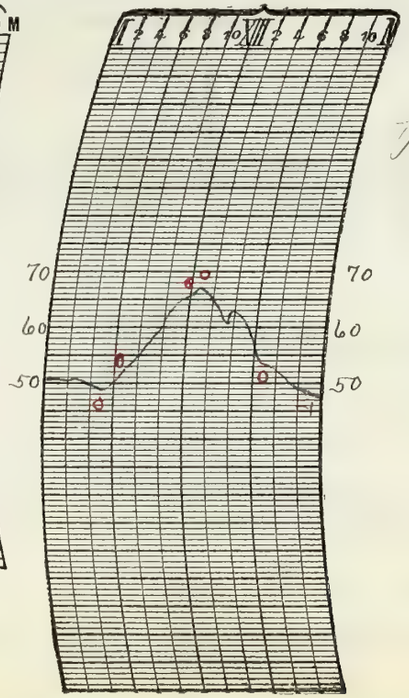


NOTES

High and somewhat gusty winds prevailed during the day.

Prepared by
Verified by } H.G. Collman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 9 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	45	45	46	47	48	48	49	50	52	52	52	52	53	53	53	53	52	51	48	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy							Cloudy			×	PC	→				
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	10	9	7	7	7	7	9	7	9	7	10	11	9	9	8	7	6	4	2	1	1	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.29 Character, Cloudy

Sunset: Time, 6.45 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	45	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity, 14 Direction, W Time. Began 12.03 A.

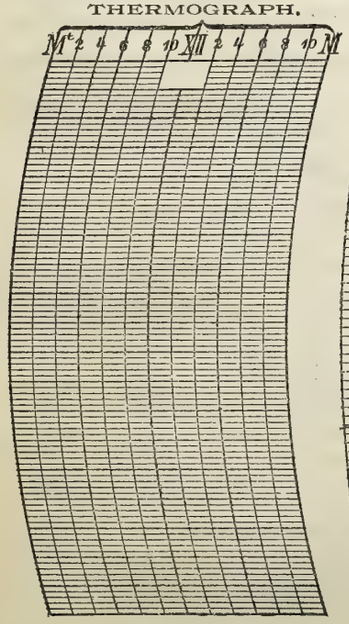
Extreme velocity, 14 W - 12.03 A

Relative humidity, 79 a. m. 70 p. m.

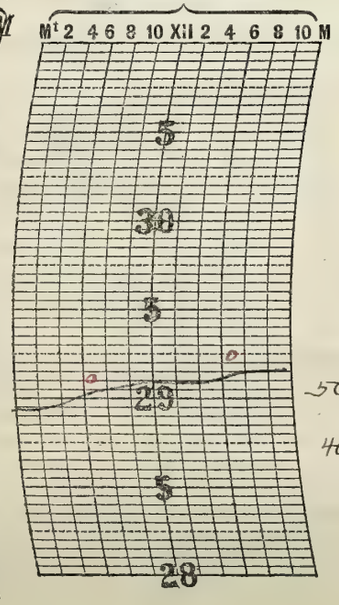
Reduced barometer, 29.96 a. m. 20.04 p. m.

River gage, 2.5 ft

THERMOGRAPH.



BAROGRAPH.



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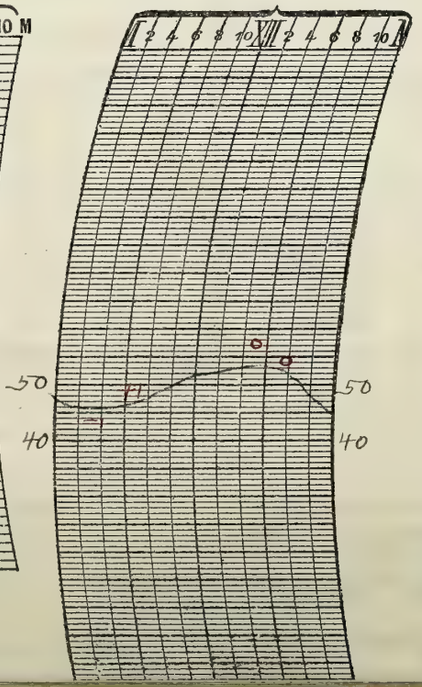


NOTES

The following warning was received from C. O. "probable frost in low places tonight."

Prepared by } J.H.T. Collman
Verified by }

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 10 1915, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	42	42	40	40	42	47	50	55	57	60	63	64	64	65	67	67	66	64	62	61	59	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							Clear							→		
Sunrise: Time, 4.28; Character, Clear																					Sunset: Time, 6.46; Character, Clear			
Sunshine (in tenths of hours)					.53 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.77 0					
Wind direction	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	W	W	N	NE	NE	NE	NE
Wind movement	1	1	2	2	3	2	6	7	7	5	6	5	8	7	7	7	6	4	4	3	2	1	1	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	40	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, Moon phase,

Average daily cloudiness (0–10) Few

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 99

Average hourly velocity, 4.1

Maximum velocity,	Direction,	Time.
12	SW	Began 2.12 P

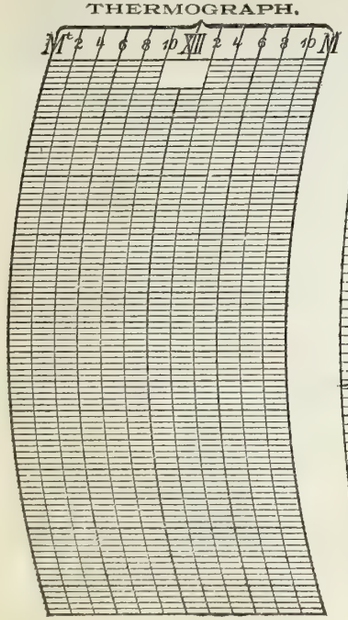
Extreme velocity, 12 SW 2.12 P

Relative humidity, 73 a. m., 68 p. m.

Reduced barometer, 30.17 a. m., 30.17 p. m.

River gage, 2.5 ft.

THERMOGRAPH.



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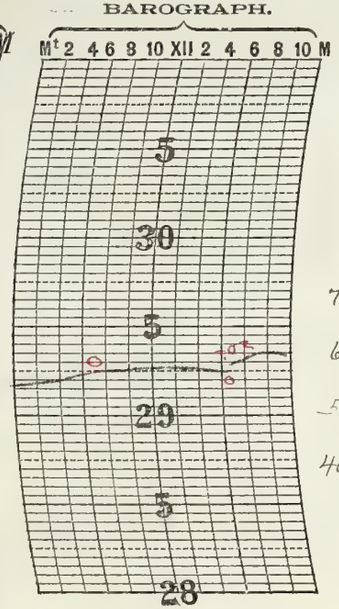

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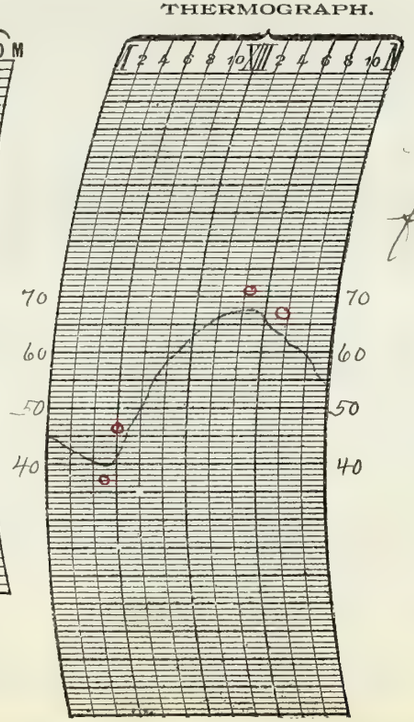


NOTES.

A light frost occurred during the early morning. The damage from frost was slight.

Prepared by
Verified by J. H. T. Collman

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 11 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	50	49	49	47	48	54	58	63	66	67	68	70	71	72	72	72	71	69	67	66	64	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←				Pt Cloudy					×		Cloudy						→			
Sunrise: Time, 4.27; Character, Cloudy																								
Sunset: Time, 6.47; Character, Cloudy																								
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0					
Wind direction	E	E	E	S	SE	SE	SE	S	S	SE	SE	SE	E	E	E	SE	SE	SE	S	SE	SE	SE	SE	SE
Wind movement	2	2	2	4	3	2	5	8	8	8	5	5	7	4	6	7	8	5	4	3	4	2	2	1
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 9.5

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 66

Prevailing direction SE

Total movement, 107

Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
13	SE	Began 7.13 AM.

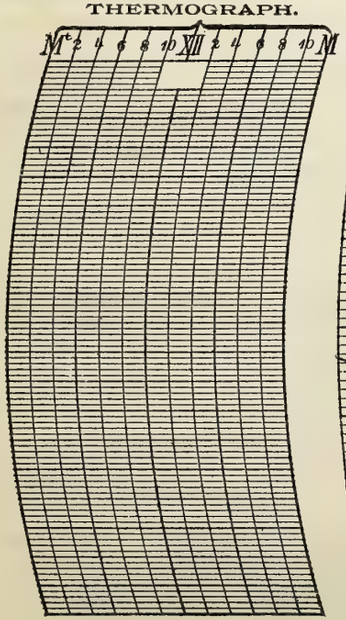
Extreme velocity, 13 SE 7.13 AM.

Relative humidity, 59 a. m., 44 p. m.

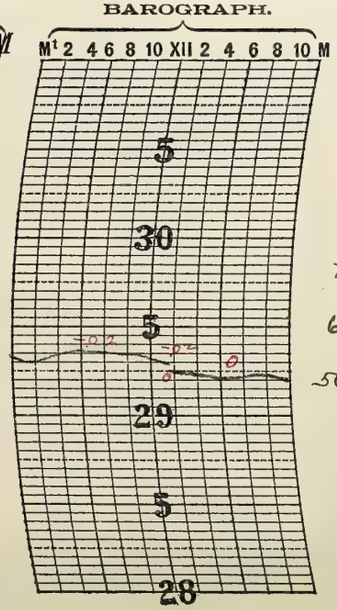
Reduced barometer, 30.28 a. m., 30.11 p. m.

River gage, 2.4 ft

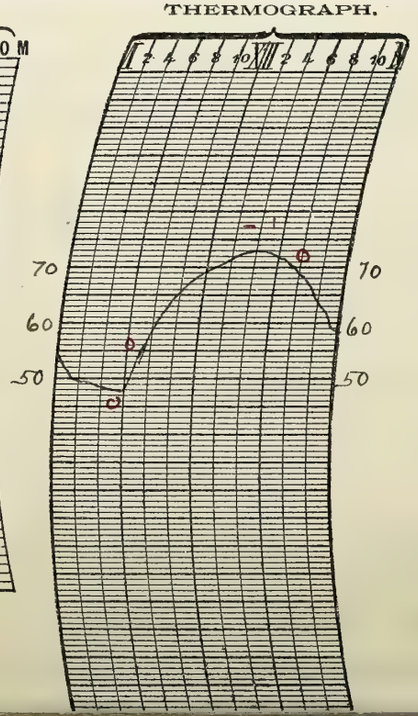
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci. St. and A. St. Clouds prevailed during the day.

Prepared by
Verified by } H.T. Collman

Form No. 1011-1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 12 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	55	54	53	52	54	59	65	71	74	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy					× Clear		
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	N	NE	E	E	SE	NE	E	SW	SW	SW	SW
Wind movement	3	3	5	3	3	2	3	2	6	7	9	10

Sunrise: Time, 4.26 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	81	81	78	75	72	71	69	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	82 0					
Wind direction	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	NW
Wind movement	14	12	12	12	11	7	6	7	7	8	6	4

Sunset: Time, 6.49 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

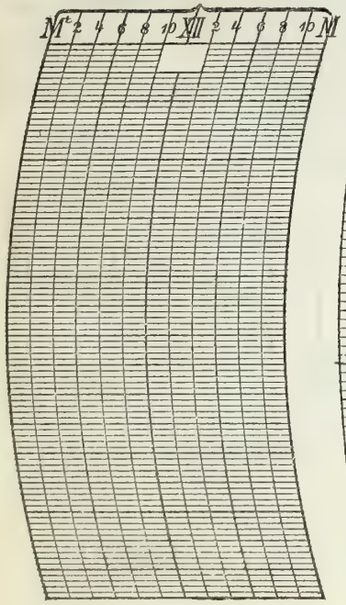
	Maximum.	Minimum.	Mean.	Normal.
Temperature	81	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 12.3
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 85
Prevailing direction SW
Total movement, 162
Average hourly velocity, 6.8

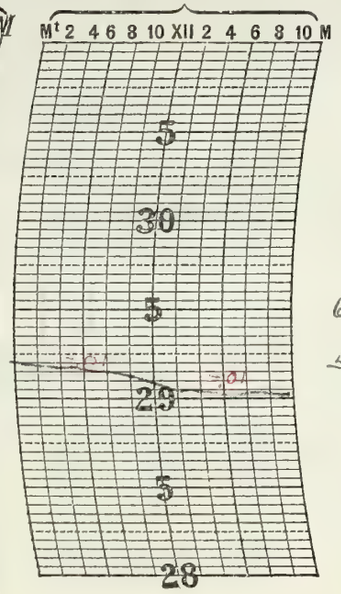
Maximum velocity,	Direction,	Time.
16	SW	Began 12.58 P

Extreme velocity, 16 - SW - 12.58 P
Relative humidity, 76 a. m. 58 p. m.
Reduced barometer, 30.05 a. m. 29.91 p. m.
River gage, 2.4 ft.

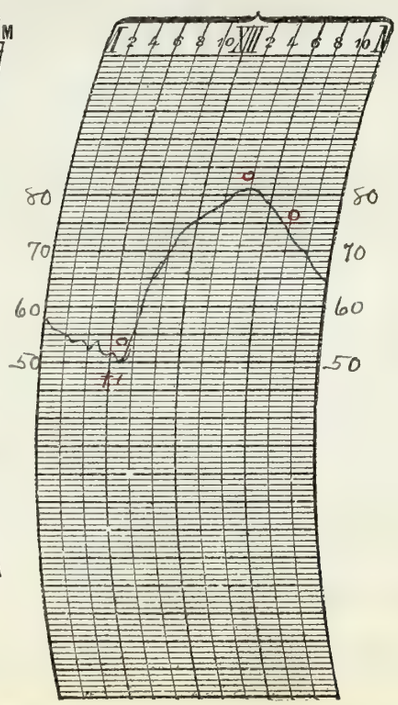
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sky cloudless from 10.00 A.M. to 2.00 P.M.

Prepared by } H. T. Callman
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 13 1915, 191

Time (local standard), 90 mer.

70 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	61	58	57	57	60	61	65	66	66	65	66	68	69	70 69	69	68	65	64	62	59	57	55
State of weather: Nature of precipitation and time of beginning and ending											RB 10.40		RE 12.15											
State of weather: Amounts of precipitation											T	T	T											
State of weather: Cloudiness and other conditions				← Clear	RE	×	Cloudy							Cloudy		×		Pt Cloudy						→
Sunrise: Time, Character	4.25 Clear																							
Sunset: Time, Character																					6.50 Cloudy			
Sunshine (in tenths of hours)					.58 0	0.5 0.1	0.3	0.6	0.4	0	0	0.5	0.8	1.0	1.0	0.5	0.3	0	0					
Wind direction	NW	N	N	N	N	N	N	N	N	NW	NW	NW	NW	W	W	NW	NW	NW	N	N	N	N	NE	E
Wind movement	6	5	5	4	4	4	4	2	3	5	7	10	8	9	7	10	9	9	7	4	5	7	8	9
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	70	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Quarter

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 6.6

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 46

Prevailing direction N

Total movement, 251

Average hourly velocity, 6.3

Maximum velocity, 12 Direction, NW Time. Began 5.08 P

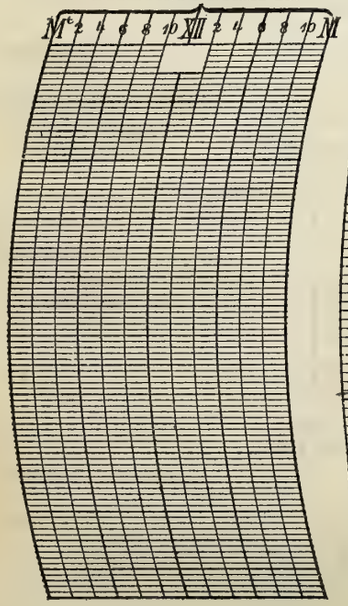
Extreme velocity, 12 – NW – 5.08 P

Relative humidity, 78 a. m. 69 p. m.

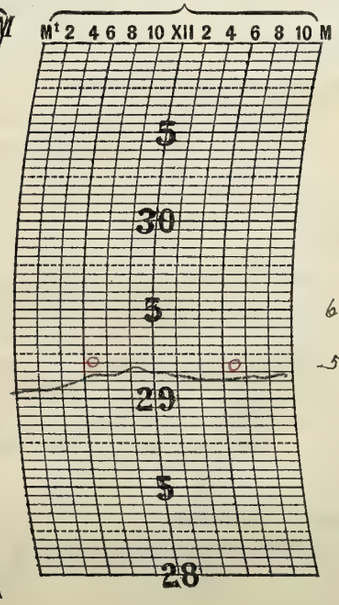
Reduced barometer, 30.02 a. m., 29.98 p. m.

River gage, 2.4 ft

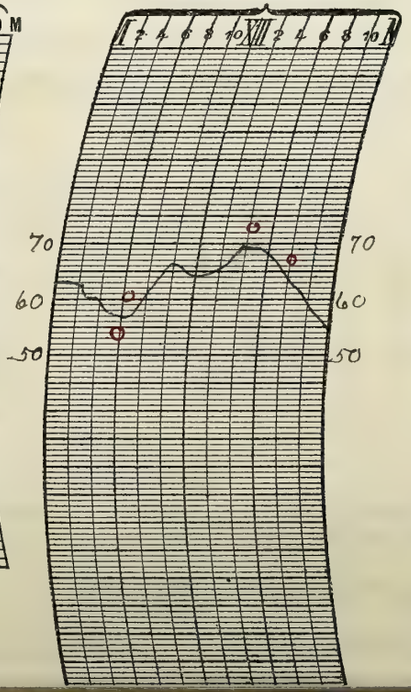
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by
Verified by } H. T. Collman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 14 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	51	50	50	51	52	53	56	58	62	64	67	69	69	69	68	67	65	64	61	59	57	55
State of weather: Nature of precipitation and time of beginning and ending																					RB 8.00 RE 8.30			RB DN RE DN
Amounts of precipitation																					T			.01
Cloudiness and other conditions					← Pt Cloudy								×		Cloudy									→
Sunrise: Time, 4.24 Character, Cloudy																					Sunset: Time, 6.51 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0					
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	9	8	6	6	6	8	9	9	6	8	7	6	6	7	8	9	8	7	6	8	12	11	7	6
Maximum velocities (exceeding 39 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

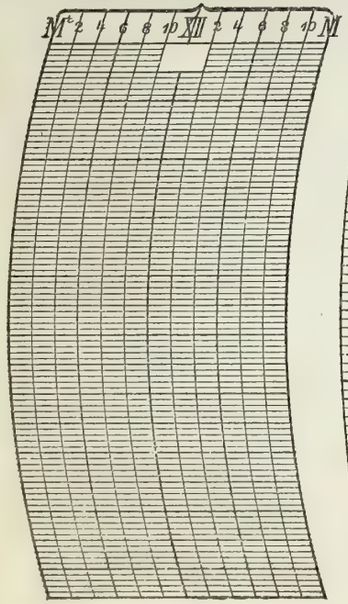
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	50	60	

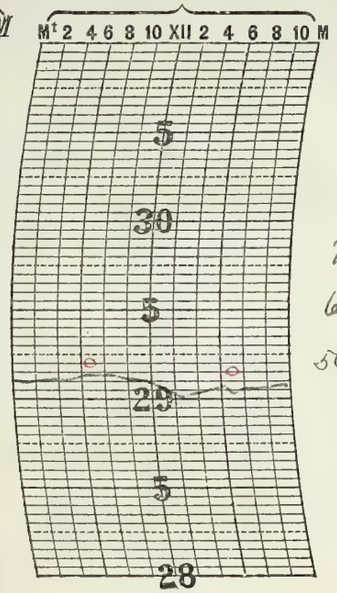
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 9.5
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 66
Prevailing direction NE
Total movement, 183
Average hourly velocity, 7.6

Maximum velocity, 14 Direction, E Time. Began 9.52 P.
Extreme velocity, 14 E 9.52 P
Relative humidity, 78 a. m., 40 p. m.
Reduced barometer, 30.04 a. m., 29.96 p. m.
River gage, 2.4 fx

THERMOGRAPH.



BAROGRAPH.



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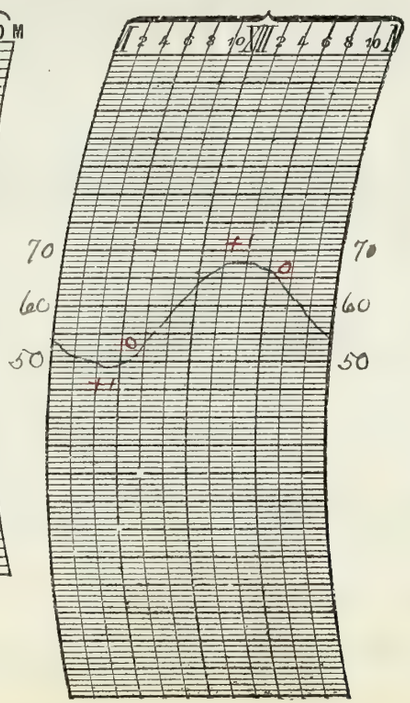


NOTES.

Ci. Cu. and Ci. Clouds prevailed to 2.00 P.M.

Prepared by
Verified by } H. T. Collman.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 1 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	51	51	47	47	44	46	47	52	58	63	65	67	68	69	68	65	60	55	57	56	54
State of weather: Nature of precipitation and time of beginning and ending					RB DN	✓		RE 8.00													RB 8.25		RE DN	
Amounts of precipitation					.04	.01	.15	.03													.12	.20	.02	✓
Cloudiness and other conditions				×		Cloudy				×	Pt Cldy	×		Clear			×		P.C.	×	Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0					
Wind direction	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	SE	E	E
Wind movement	8	9	7	6	4	6	4	7	8	8	9	11	11	10	9	12	12	11	14	17	19	9	9	11
Maximum velocities (exceeding 25 miles) direction and time																					40 NW 8.52			

Sunrise: Time, 4.23 Character, Cloudy

Sunset: Time, 6.52 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	69	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .57 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 7.4

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 51

Prevailing direction E

Total movement, 231

Average hourly velocity, 9.6

Maximum velocity, 40 Direction, NW Time. Began 8.52 P.

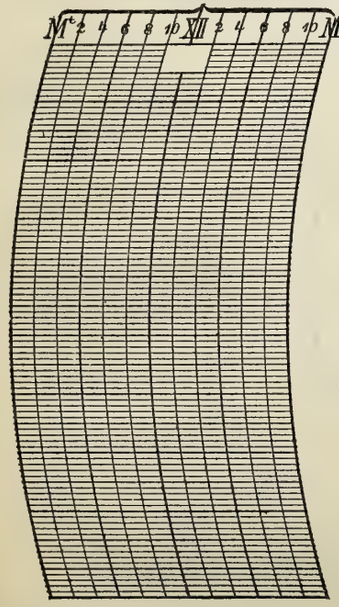
Extreme velocity, 46 NW 8.53 P.

Relative humidity, 79 a. m., 48 p. m.

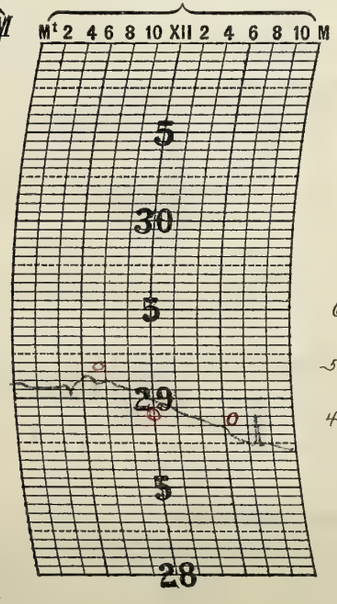
Reduced barometer, 30.03 a. m., 29.69 p. m.

River gage, 2.4 ft.

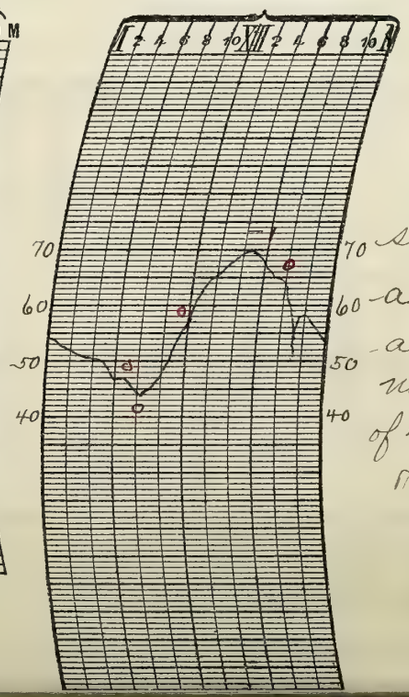
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunder was heard from 4.00 A. to 5.50 A.M.

Thunder was heard from 8.00 P. to 8.15 P.

A moderate thunderstorm occurred at the station from 8.25 P. to 8.35 P. It was accompanied by a sudden gust of wind which maintained a maximum velocity of 40 mi. per hour from the northwest at 8.52 P.M. and reached an extreme velocity of 46 mi. at 8.53 P.M.

The damage in the city was slight.

Prepared by J.H.T.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 16 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	55	59	57	55	53	52	53	57	62	65	67	71	73	74	64	61	56	52	57	50	48	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy			×				Cloudy									
Sunrise: Time, Character,	4.22 Cloudy																				Sunset: Time, Character,			6.52 Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0 +	1.0 +	1.0	1.0	1.0	1.0	0.3	0	0	0					
Wind direction	SE	S	SW	SW	W	W	W	W	W	W	W	W	W	W	SW	W	W	W	NW	NW	W	W	W	NW
Wind movement	6	8	14	20	21	21	21	22	18	19	24	22	22	22	22	21	22	17	17	15	15	15	16	14
Maximum velocities (exceeding 29 miles) direction and time																30 W 400								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

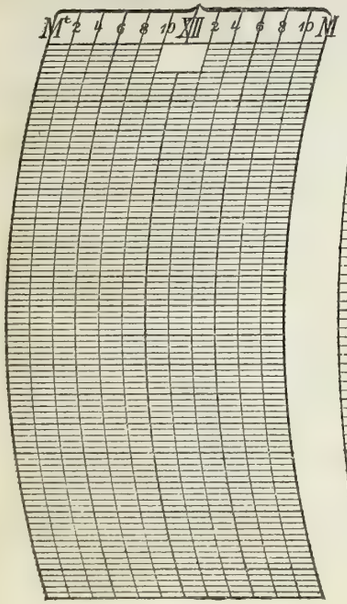
Maximum.	Minimum.	Mean.	Normal.
74	45	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .34 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 6.5
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 45
Prevailing direction W
Total movement, 438
Average hourly velocity, 18.2

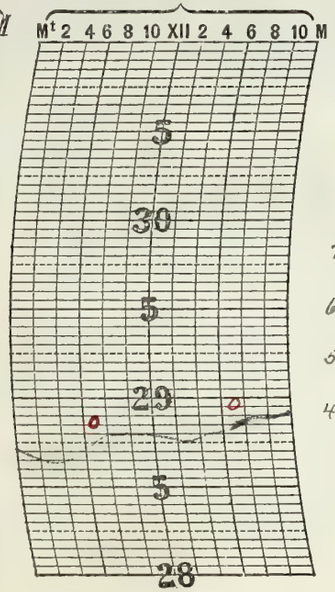
Maximum velocity,	Direction,	Time.
30	W	Began 4.00 P.

Extreme velocity, 31 W 4.01 P.
Relative humidity, 82 a. m., 61 p. m.
Reduced barometer, 29.65 a. m., 29.76 p. m.
River gage, 2.5 ft

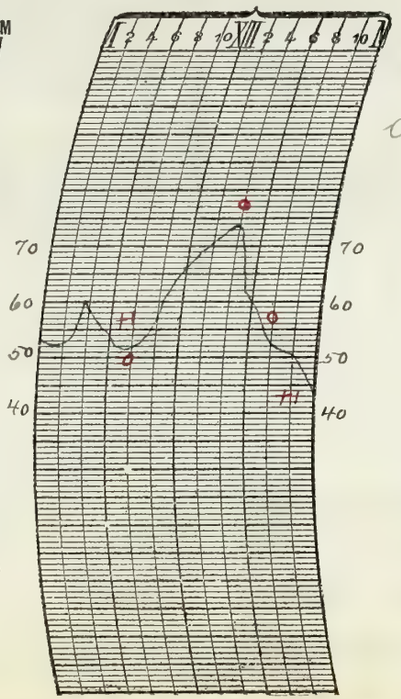
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Strong and somewhat gusty winds prevailed during the day diminishing by midnight.
+ Sunshine between openings in St. Cu. clouds

Prepared by J.H.C.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 1 7 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	42	40	40	41	42	43	44	44	45	46	47	48	48	50	52	52	50	47	46	43	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy								Cloudy		×	PC×	Clear					→
Sunshine (in tenths of hours)					0	0	0.1	0	0	0	0.1	0.2	0.9	0.9	+1.0	0.7	0.9	0.6	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	S
Wind movement	14	10	16	15	13	14	13	14	13	11	11	12	13	11	10	10	9	8	6	4	2	3	2	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.21 Character, Cloudy

Sunset: Time, 6.53 Character, Clear

0.1 .88

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 6.4

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 44

Prevailing direction NW

Total movement, 239

Average hourly velocity, 10.0

Maximum velocity, 18 Direction, NW Time. Began 2.06 A.

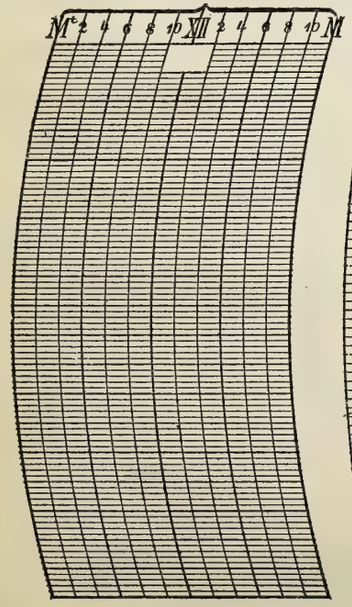
Extreme velocity, 18-NW-2.06 A.

Relative humidity, 81 a. m. 49 p. m.

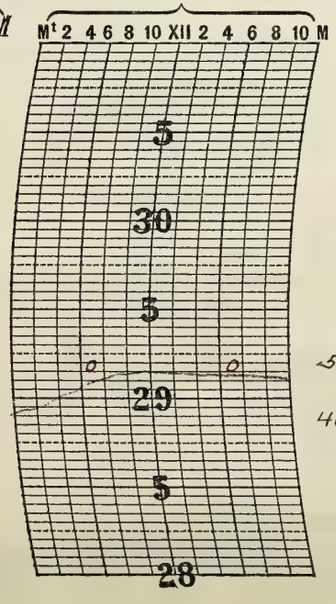
Reduced barometer, 30.03 a. m. 30.06 p. m.

River gage, 2.9 ft.

THERMOGRAPH.



BAROGRAPH.



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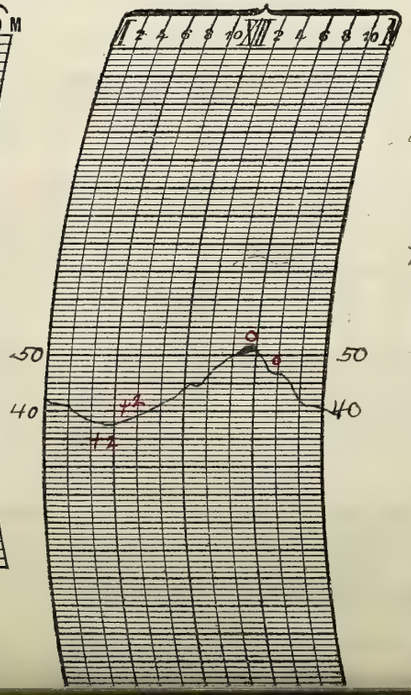


NOTES.

The following warning was received from "C.C." at 9.05 A. "Light frost in low places tonight" The warning was disseminated with the morning forecast at 9.05 A.M.

Sky cloudless at 7.10 P.M.

+ Sunshine between openings in Strat. Clouds

Prepared by J.H.T.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 1 3 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	40	43	40	40	43	43	44	46	46	46	46	48	49	50	48	46	46	45	43	41
State of weather: Nature of precipitation and time of beginning and ending							RB 6.15								RE 2.10									
Amounts of precipitation							T	.05	.06	.03	T	.01	T	.01	T									
Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time, 4.20 Character, Cloudy																					Sunset: Time, 6.54 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	S	SW	S	S	S	S	N	NE	NW	S	SW	SW	SW	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	4	6	6	6	4	5	2	3	2	6	6	5	6	5	7	7	8	7	8	8	9	8	8
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	50	40	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity, 14 Direction, N Began 3.40 P.M.

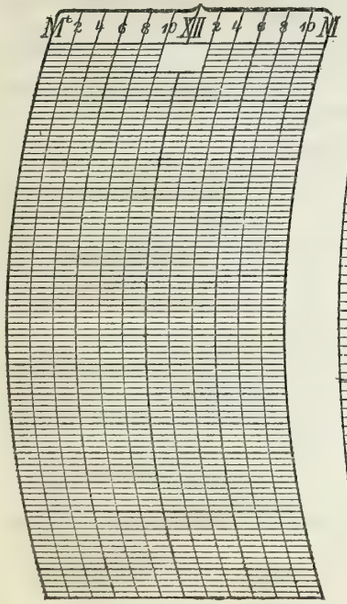
Extreme velocity, 14-N-3.40 P.M.

Relative humidity, 92 a. m. 67 p. m.

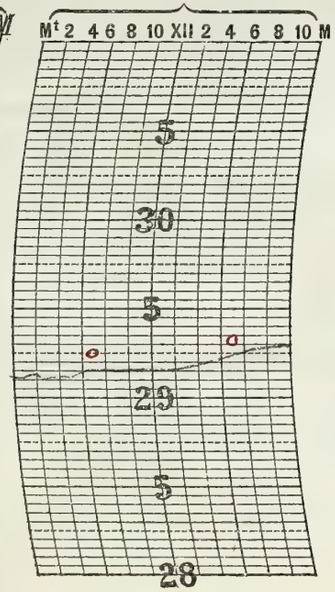
Reduced barometer, 30.07 a. m. 30.16 p. m.

River gage, 2.9 ft.

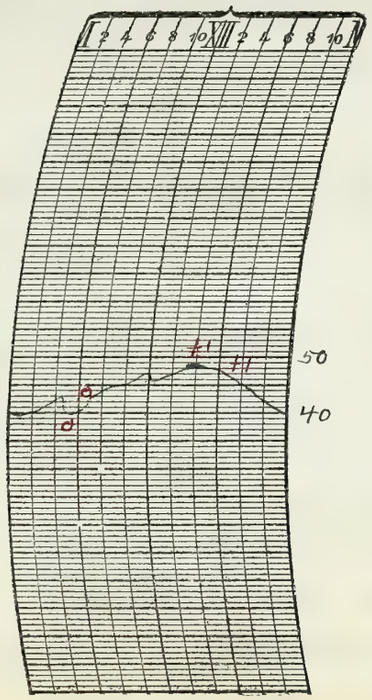
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.P.C.

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 1 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	38	37	37	40	43	45	48	49	52	53	56	57	58	58	56	53	53	51	50	49	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Cloudy						+Cloudy						Cloudy							→
Sunshine (in tenths of hours)				0	0	0	0.7	0.4	1.0	1.0	1.0		1.0	1.0	1.0	0.2	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	NE	NE	NE	NE	E	E	E	NE
Wind movement	8	5	6	4	5	5	8	10	12	11	11	14	15	15	13	16	13	14	15	16	14	14	15	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.19 Character, Cloudy

Sunset: Time, 6.55 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	58	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to — a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 7.3

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 50

Prevailing direction NE

Total movement, 273

Average hourly velocity, 11.4

Maximum velocity, 21 Direction, NE Time. Began 1.33 P.

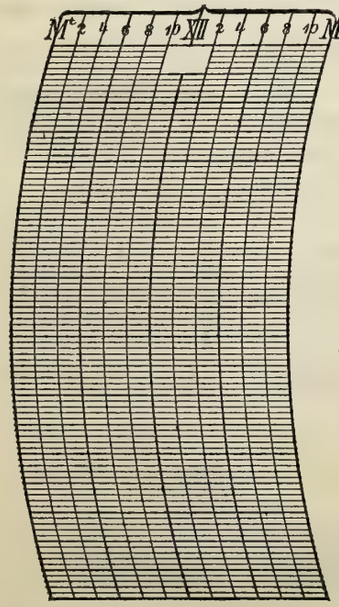
Extreme velocity, 23 - NE - 1.35 P.

Relative humidity, 76 a. m., 63 p. m.

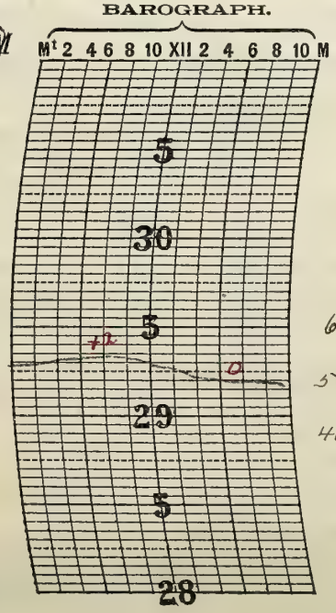
Reduced barometer, 30.30 a. m., 30.12 p. m.

River gage, 3.6 ft.

THERMOGRAPH.



BAROGRAPH.



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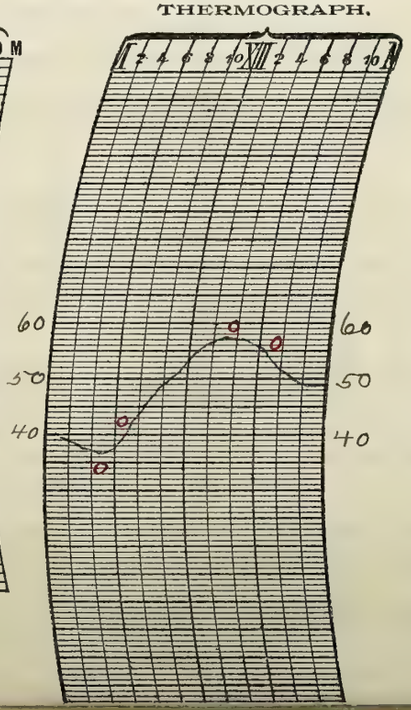


NOTES.

+Ci. St. Clouds from 10.00 A to 3.00 P.M.

Prepared by J.H.C.

Verified by P.McD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 20 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	49	49	47	45	46	47	49	47	48	49	52
Nature of precipitation and time of beginning and ending			RB DN				RE 6.20	RB 7.50				
Amounts of precipitation			T	T	.01	T	T	T	.02	.02	.05	.06
Cloudiness and other conditions		←					Cloudy					→
Sunrise: Time 4.18, Character Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	15	16	14	16	14	14	14	11	11	13	8	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	54	55	57	60	59	58	56	55	55	55	54
Nature of precipitation and time of beginning and ending		RE 1.20										
Amounts of precipitation	01	T										
Cloudiness and other conditions				Cloudy								→
Sunset: Time 6.56, Character Cloudy												
Sunshine (in tenths of hours)	0	0	0	0.2	0.4	0	0					
Wind direction	E	E	E	NE	E	NE	NE	E	NE	E	E	E
Wind movement	6	7	5	4	6	6	8	8	7	6	6	6

Maximum.	Minimum.	Mean.	Normal.
60	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 4

Prevailing direction E

Total movement, 227

Average hourly velocity, 9.5

Maximum velocity, 19 Direction, E Time. Began 2.15 A

Extreme velocity, 20 E 2.15 A

Relative humidity, 79 a. m., 97 p. m.

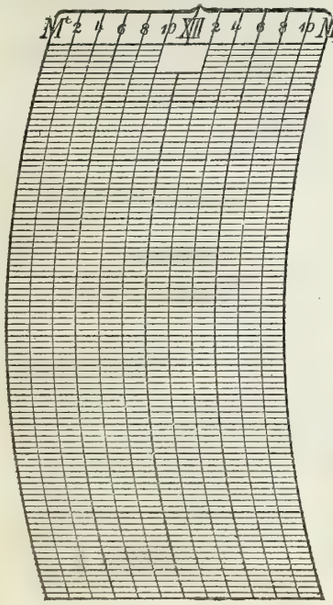
Reduced barometer, 29.96 a. m., 29.87 p. m.

River gage, 3.1 ft

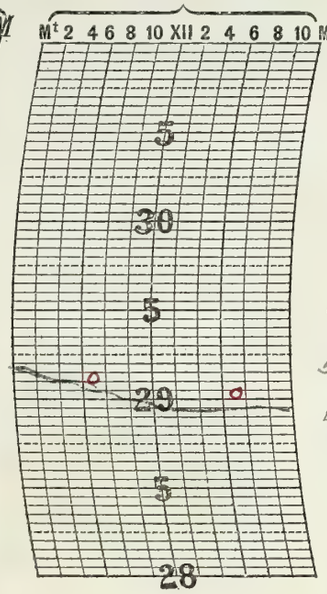
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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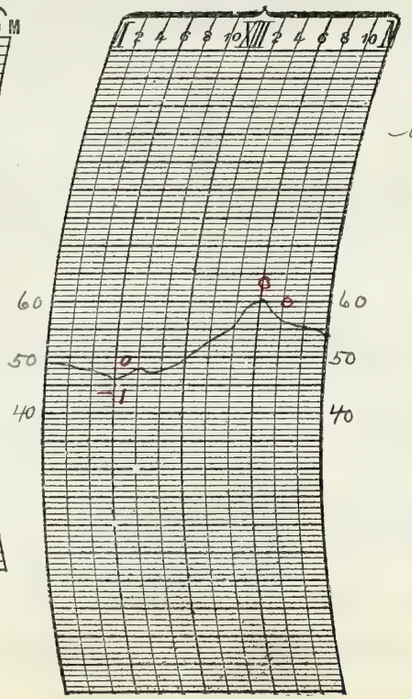


NOTES.

Light fog prevailed from 1.50 P. to 3.15 P.M. and from 6.30 P. to D.N.P.
Sunshine between St. Cu. Clouds.

Prepared by [illegible]
Verified by C. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 21 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	61	62	65	67	69	64	67	73	74	76	76	77	78	77	75	73	68	65	63	60	58	56
State of weather: Nature of precipitation and time of beginning and ending							TB 6.45	TE 7.55																
Amounts of precipitation							.03	.10																
Cloudiness and other conditions				←		Cloudy		×	P.C.	×	Clear					Clear								
Sunrise: Time, 4.18 Character, Cloudy																					Sunset: Time, 6.57 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.95 0					
Wind direction	E	E	SE	SE	SE	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	ESW	ESW	ESW	ESW
Wind movement	4	6	7	9	14	13	18	24	15	25	32	33	38	34	32	29	25	19	16	12	10	9	7	6
Maximum 29 velocities (exceeding ---- miles) direction and time							32 SW 6.55	42 SW 7.00		34 SW 9.50	38 SW 10.30	40 SW 11.50	44 SW 12.50	42 SW 1.02	39 SW 2.40	40 SW 3.42	31 SW 4.28							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

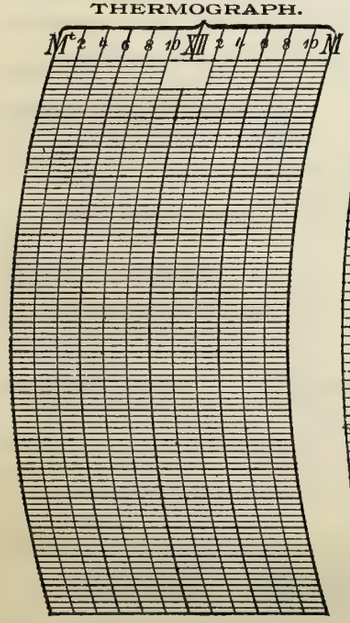
Maximum.	Minimum.	Mean.	Normal.
78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .77 ins.; to 7 p. m., .13 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Pt Cloudy Moon phase, First Quarter
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 10.6
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 73
Prevailing direction SW
Total movement, 437
Average hourly velocity, 18.2

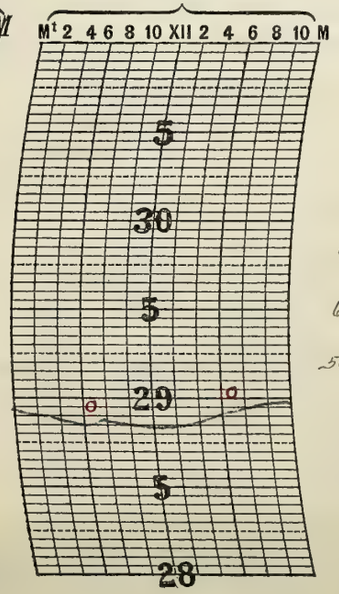
Maximum velocity,	Direction,	Time.
44	SW	Began 12.50 P

Extreme velocity, 45-SW-12.50 P
Relative humidity, 81 a. m., 55 p. m.
Reduced barometer, 29.77 a. m., 29.84 p. m.
River gage, 3.3 ft.

THERMOGRAPH.



BAROGRAPH.



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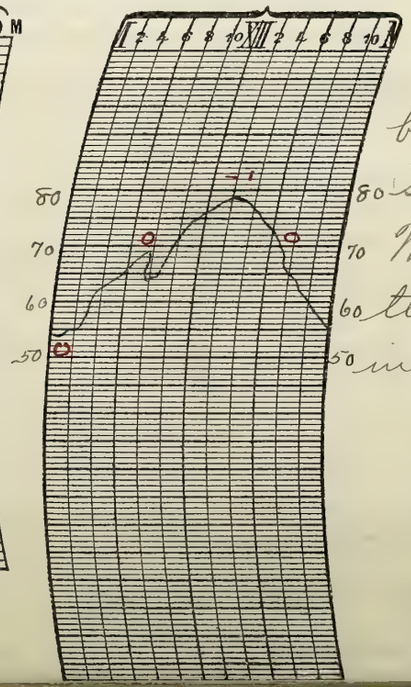


+ Estimated.

NOTES.

A moderate thunderstorm, accompanied by a gust of high wind, passed over the station at 7.00 A.M. The damage was slight in city. Moderate to high gusty winds prevailed during the day from 9.30 A.M. to 5.00 P.M. The damage in the city was slight.

Prepared by H.T.C.
Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 22 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	52	51	50	50	51	54	55	57	58	61	63	65	66	67	65	62	60	58	55	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Cloudy × Cloudy									× Clear											→
Sunrise: Time, 4.17 Character, Cloudy																					Sunset: Time, 6.58 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.97 0					
Wind direction	+ SW	+ SW	+ SW	+ SW	+ SW	+ SW	SW	W	W	W	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	6	7	7	6	7	6	8	9	11	11	12	12	14	15	14	14	12	14	11	9	7	3	3	1
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 11.2

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 76

Prevailing direction W

Total movement, 219

Average hourly velocity, 9.1

Maximum velocity,	Direction,	Time.
18	W	Began 1.36 P.

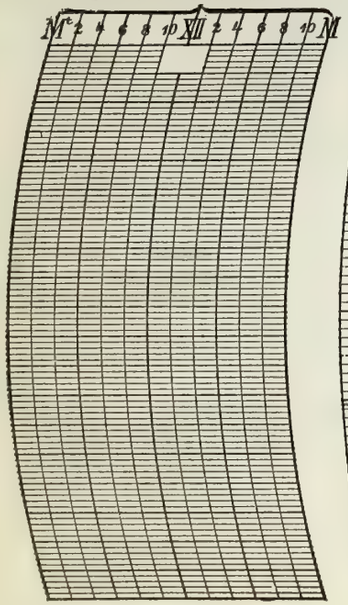
Extreme velocity, 20 - W - 1.38 P.

Relative humidity, 76 a. m., 60 p. m.

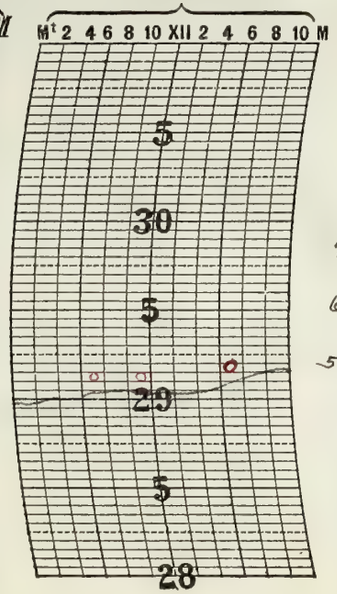
Reduced barometer, 29.96 a. m., 30.04 p. m.

River gage, 3.3 ft

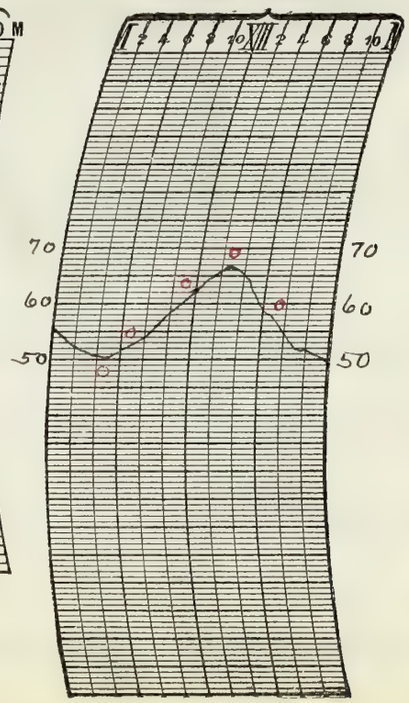
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ Estimated.

NOTES

Prepared by H.P.C.
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 23 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	48	48	48	46	48	53	58	62	65	67	69	71	71	70	70	69	68	65	65	64	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																				RB 7.45		RE 7.54		
Amounts of precipitation																				T	T	T		
Cloudiness and other conditions					←			Clear		×	Pt Cldy	×					Cloudy							
Sunshine (in tenths of hours)					.73 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	SW	SW	S	S	S	S	S	SE	SE	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	NE	E	NE
Wind movement	3	4	3	1	5	5	7	6	7	7	9	8	8	8	7	7	5	4	8	4	5	4	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.16 Character, Clear

Sunset: Time, 6.59 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 10.1

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 69

Prevailing direction SE

Total movement, 137

Average hourly velocity, 5.7

Maximum velocity, 12 Direction, S Time. Began 1.13 P.

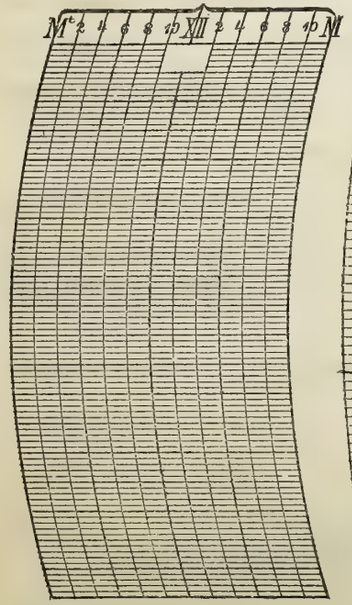
Extreme velocity, 12-S-1.13 P.

Relative humidity, 67 a. m., 62 p. m.

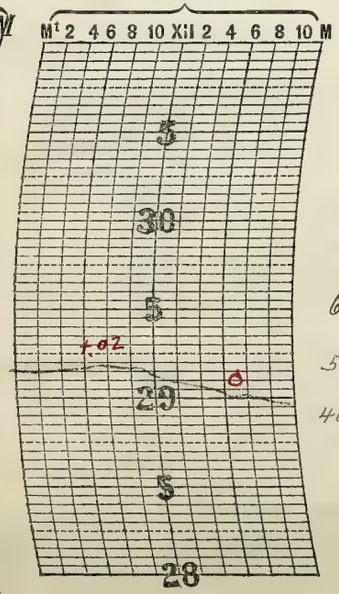
Reduced barometer, 30.13 a. m., 29.92 p. m.

River gage, 3.2 ft

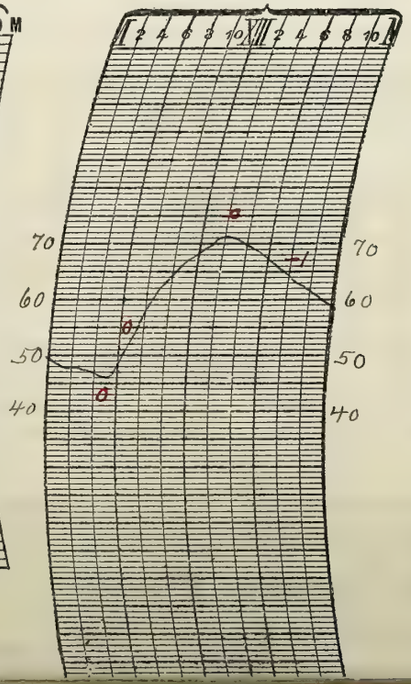
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.T.C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 24 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	56	55	55	56	56	55	57	59	60	59	61	64	68	69 (70)	69	69	68	67	66	65	62	61
Nature of precipitation and time of beginning and ending		RB DN		RE DN																				
Amounts of precipitation		.33	.41	T																				
Cloudiness and other conditions							Cloudy								Pt Cloudy									
Sunshine (in tenths of hours)					0	0	0	0	0.4	0	0	0.8	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	NE	NE	NE	E	N	N	N	N	N	N	NE	N	N	NE	NE	E	E	E	SW	SW	SW	SW	SE	SE
Wind movement	6	9	17	10	6	5	6	6	6	7	6	5	5	4	4	4	3	2	3	3	2	2	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 415 Character, Cloudy

Sunset: Time, 7.00 Character, Cloudy

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	DNA	DNA	.74	1.44A	2.28A	.02	.18	.25	.30	.34	.39	.48	.54	.63	.67					

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	70	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .74 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .74 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 5.2

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 35

Prevailing direction N

Total movement, 126

Average hourly velocity, 5.2

Maximum velocity, 24 Direction, NE Time. Began 2.24A

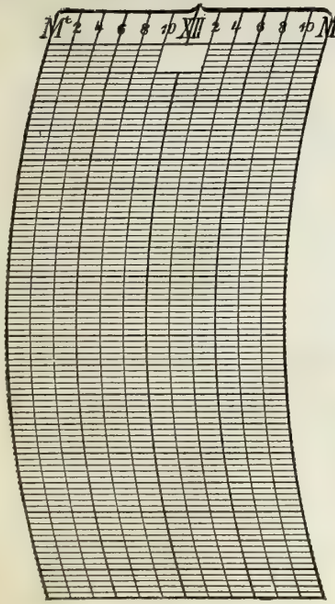
Extreme velocity, 24-NE-2.24A

Relative humidity, 91 a. m. 65 p. m.

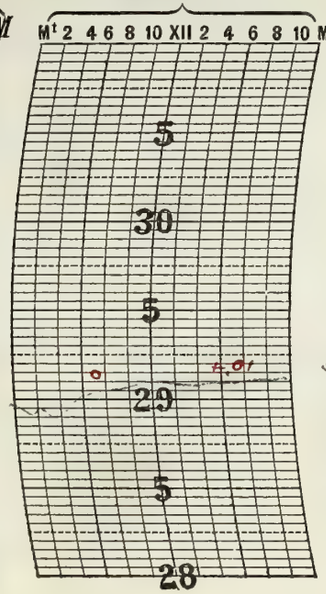
Reduced barometer, 29.96 a. m. 30.03 p. m.

River gage, 3.0 fX

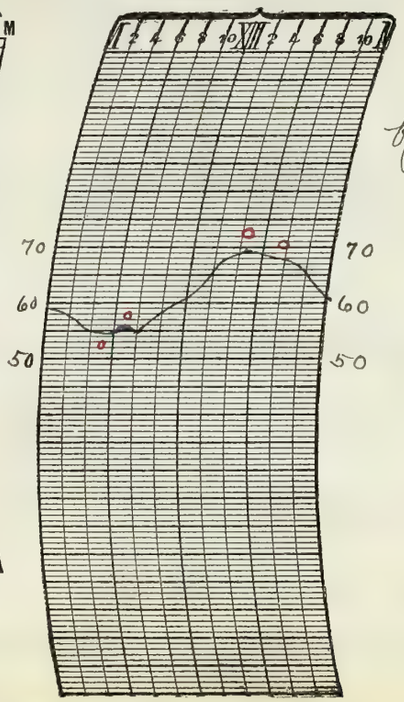
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A moderate thunderstorm accompanied by heavy rain occurred in the early morning.

Prepared by HTC

Verified by PMW

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) MAY 25 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	56	53	55	56	60	63	68	70	72	73	73	72	71	68	70	69	68	66	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending															RB 2.30	RE 3.25								
Amounts of precipitation															T	.02								
Cloudiness and other conditions				← Clear				×	Pt Cldy			×	Cloudy								× Clear			→
Sunrise: Time, Character,	4.15, Clear																							
Sunset: Time, Character,																					7.01 Cloudy			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0	0	0	0	0				
Wind direction	SE	SE	SE	SE	S	SE	S	S	S	S	S	S	S	S	SE	S	S	S	SW	SW	SW	SW	SW	W
Wind movement	2	3	4	6	6	5	9	11	12	11	11	14	12	9	11	8	12	12	10	7	10	10	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

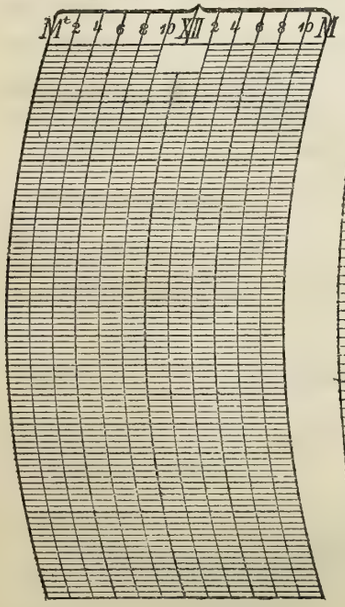
Maximum.	Minimum.	Mean.	Normal.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9.
Actual sunshine, hours, 7.4
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 50
Prevailing direction S
Total movement, 210
Average hourly velocity, 8.8

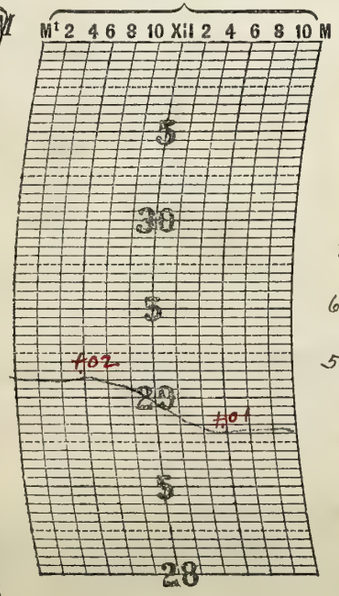
Maximum velocity,	Direction,	Time.
16	S	Began 11.51 A.M.

Extreme velocity, 17 - S - 11.52 A.M.
Relative humidity, 76 a. m. 78 p. m.
Reduced barometer, 30.05 a. m. 29.72 p. m.
River gage, 3.2 ft.

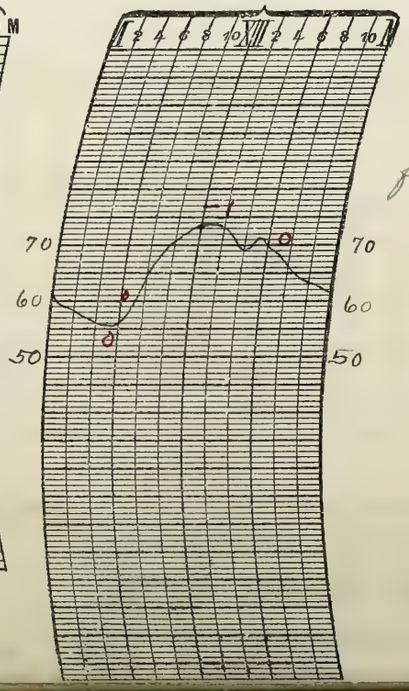
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the early morning. Sky cleared at 7.45 P.M.

St. Cu. and Ci. St. clouds prevailed during the forenoon.

Prepared by J.H.C.
Verified by D.W.R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 26 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	62	59	58	57	58	58	57	58	55	52
State of weather: Nature of precipitation and time of beginning and ending			RB DN RE DN								RB 10.05	
Amounts of precipitation			T								.02	.03
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4.14; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	W	NW	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	4	6	8	7	14	17	13	15	16	17	18
Maximum velocities (exceeding 25 miles) direction and time												

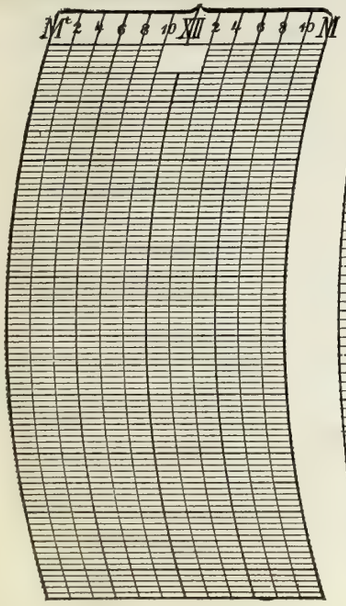
	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	54	54	54	54	53	51	48	46	43	40	38
State of weather: Nature of precipitation and time of beginning and ending		RE 1.10										
Amounts of precipitation	T	T										
Cloudiness and other conditions	Cloudy											
Sunset: Time, 7.02; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0.4	0.7	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	22	20	22	22	19	17	16	17	15	15	14	14
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

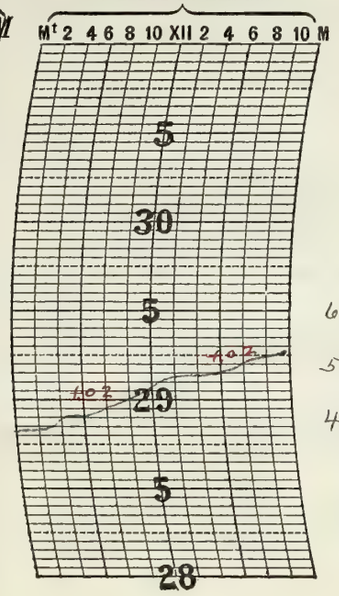
	Maximum.	Minimum.	Mean.	Normal.
	62	38	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 1.1
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 7
Prevailing direction NE
Total movement, 355
Average hourly velocity, 14.8
Maximum velocity, 28 Direction, NE Time. Began 12.37 PM.
Extreme velocity, 30-NE-12.39
Relative humidity, 91 a. m., 54 p. m.
Reduced barometer, 29.85 a. m., 30.11 p. m.
River gage, 3.3 ft.

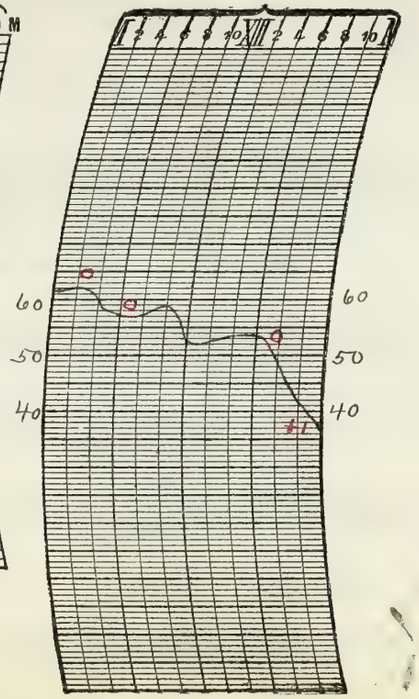
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Sun shining through openings in St. Cu. Clouds.

Prepared by J.H.C.
Verified by P.M.Z.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 27 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	39	38	39	42	44	46	49	52	53
State of weather: Nature of precipitation and time of beginning and ending			RB DN RE DN									
Amounts of precipitation			T									
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, Character,	4.13 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0	0
Wind direction	NE	NE	NE	NE	E	NE	E	E	E	E	E	E
Wind movement	12	11	13	13	14	15	16	18	18	18	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	56	56	55	54	53	51	49	48	48	48
State of weather: Nature of precipitation and time of beginning and ending		RB 1.25 RE 1.35										
Amounts of precipitation		T										
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									7.03 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	19	18	14	13	11	12	13	15	13	15	13

Maximum velocities (exceeding 25 miles) direction and time: 1

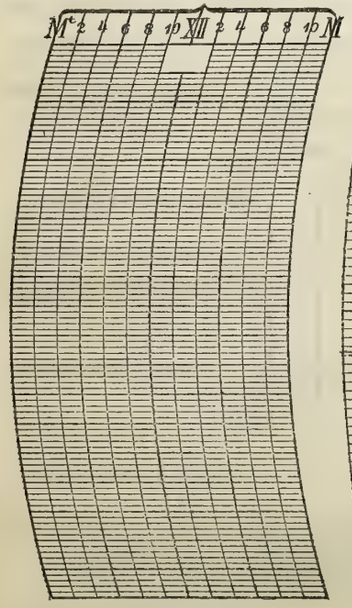
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

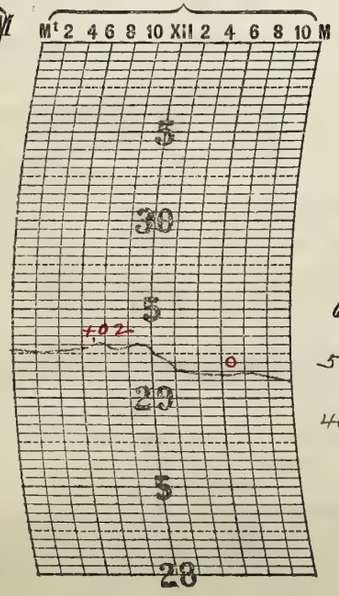
	Maximum.	Minimum.	Mean.	Normal.
	56	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.5
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 3
Prevailing direction NE
Total movement, 345
Average hourly velocity, 14.4
Maximum velocity, 24 Direction, NE Began 1.48 P
Extreme velocity, 25-NE-1.48P
Relative humidity, 60 a. m. 63 p. m.
Reduced barometer, 30.26 a. m. 30.04 p. m.
River gage, 3.4 ft.

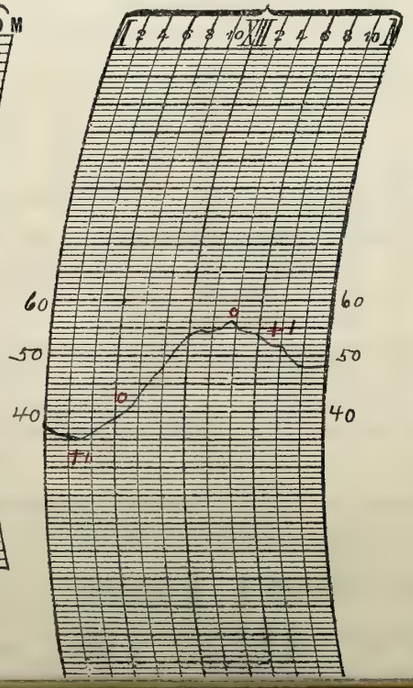
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J.H.C.
Verified by J.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 28 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	49	48	49	49	50	47	48	47	49	52	54
Nature of precipitation and time of beginning and ending						RB 5.45						RE 11.50
Amounts of precipitation						.02	.05	.02	.06	.03	.03	.01
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	E	E	E	E	E	E	N	N	N	E
Wind movement	13	15	14	15	14	14	13	8	9	12	10	12

Sunrise: Time, 4.13; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	57	58	58	57	56	55	54	53	52	51	51
Nature of precipitation and time of beginning and ending				RB 3.20								
Amounts of precipitation				.01	.03	.03	.07	.05	.20	.21	.13	.04
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	E	E	E	E	N	N	N	N	N	N	N	N
Wind movement	12	14	12	10	10	12	11	11	12	13	16	14

Sunset: Time, 7.03; Character, Cloudy

Maximum velocities (exceeding 20 miles) direction and time: 19

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
58	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .99 inches.

Character of day, Cloudy. Moon phase, Full Moon

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 296

Average hourly velocity, 12.3

Maximum velocity, 19 Direction, NE Time, Began 11.16 PM

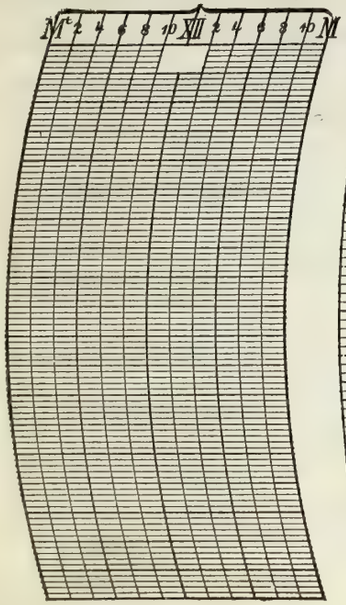
Extreme velocity, 20-NE-11.16 PM

Relative humidity, 93 a. m., 100 p. m.

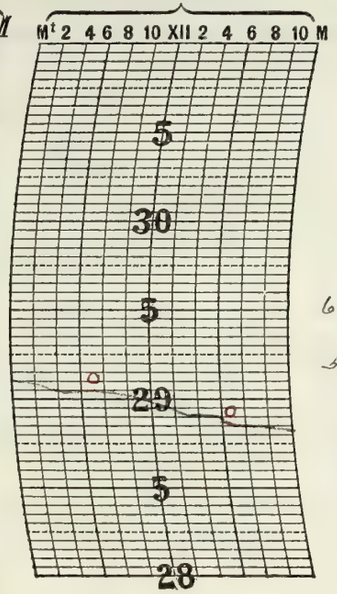
Reduced barometer, 29.96 a. m., 29.78 p. m.

River gage, 3.5 ft.

THERMOGRAPH.



BAROGRAPH.



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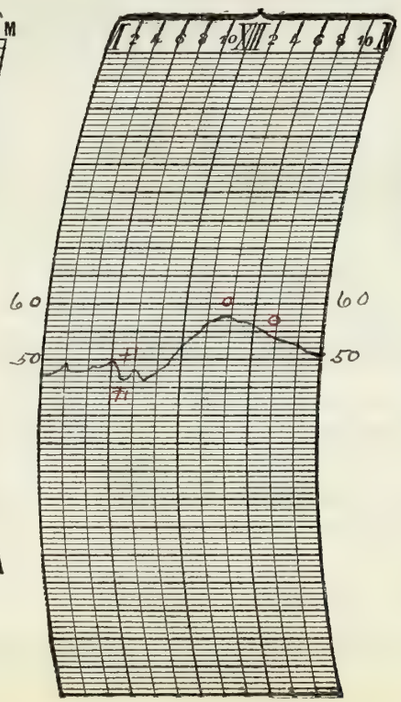


NOTES

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 29 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	48	48	49	50	50	50	51	52	53	54
Nature of precipitation and time of beginning and ending			RE DN							RB 9.00	RE 11.00	
Amounts of precipitation	.16	.22	.02							.18	.05	
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.12 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	15	19	18	18	17	16	16	13	15	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	55	54	54	54	54	54	54	54	54	53
Nature of precipitation and time of beginning and ending				RB 3.40		RE 5.55						
Amounts of precipitation				T	.01	T						
Cloudiness and other conditions			Cloudy									
Sunset: Time, 7.04 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	16	14	13	14	13	13	12	13	13	12	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	48	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. .04 ins.; to 7 p. m. .24 ins.

Total precipitation, midnight to midnight, .44 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 353

Average hourly velocity, 14.8

Maximum velocity, 23 Direction, NE Time. Began 2.46 A.M.

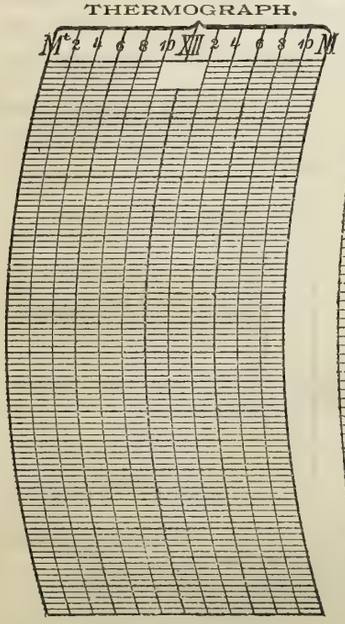
Extreme velocity, 23-NE-2.46 A.M.

Relative humidity, 84 a. m. 68 p. m.

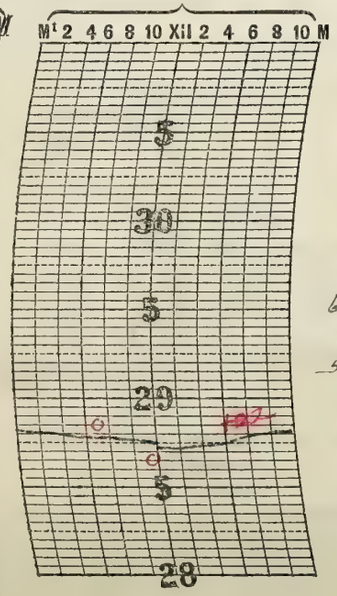
Reduced barometer, 29.68 a. m. 29.71 p. m.

River gage, 3.34

THERMOGRAPH.



BAROGRAPH.



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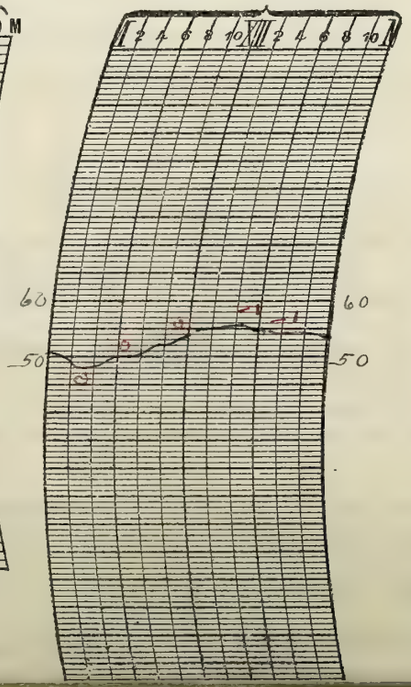


NOTES.

Prepared by J.H.T.C.

Verified by P.M.L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 30 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	52	51	51	51	53	55	57	60	64	64	65	66	66	65	64	62	61	60	58	57	54
State of weather: Nature of precipitation and time of beginning and ending			RB DN RE DN																					
Amounts of precipitation			T																					
Cloudiness and other conditions				Cloudy					×	Pt Cloudy						×			Cloudy					

Sunrise: Time, 4.12; Character, Cloudy

Sunset: Time, 7.05; Character, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	10	12	12	12	14	12	10	12	12	12	13	13	16	15	13	12	13	10	8	9	7	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	51	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.5

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 50

Prevailing direction NE

Total movement, 275

Average hourly velocity, 11.5

Maximum velocity, 18 Direction, NE Began 2.44 P.

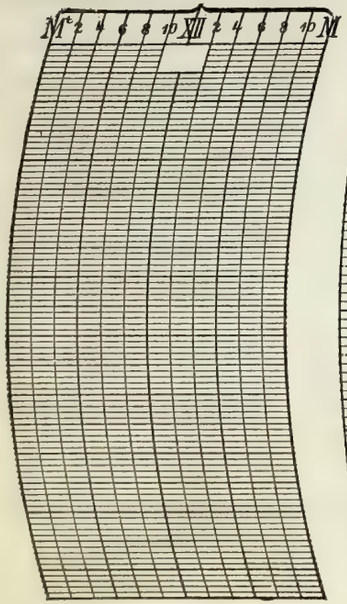
Extreme velocity, 19-NE-2.45 P.

Relative humidity, 69 a. m., 63 p. m.

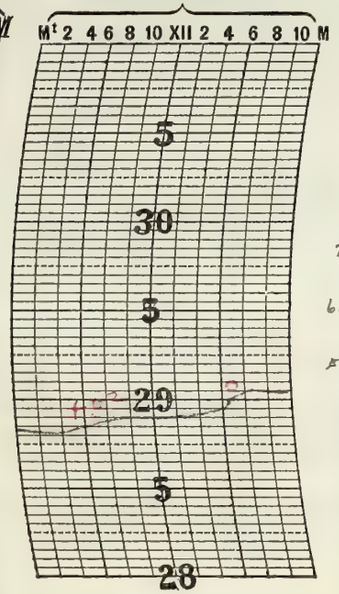
Reduced barometer, 29.80 a. m., 29.91 p. m.

River gage, 6.2 feet

THERMOGRAPH.



BAROGRAPH.



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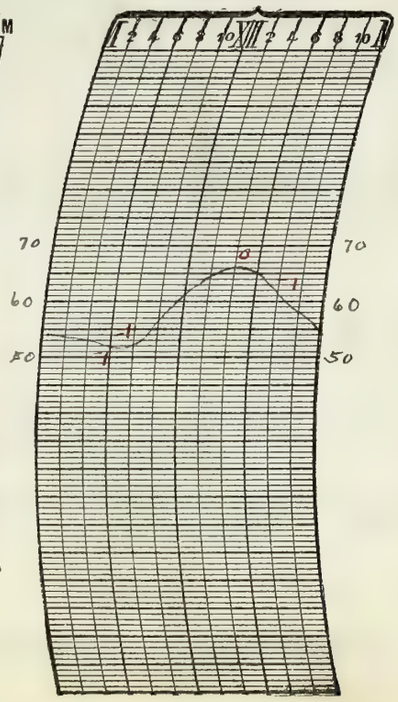


NOTES

Prepared by [illegible]

Verified by P. Mos

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 31 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	57	49	52	57	59	63	64	67	69	70	71	71	70	69	68	66	62	59	58	57	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Pt Cloudy							Clear					Clear								→
Sunrise: Time, Character	4.11 Cloudy																				Sunset: Time, Character	7.06 Clear		
Sunshine (in tenths of hours)					0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.10 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	6	6	5	9	9	13	13	14	13	13	15	15	14	16	16	13	14	8	9	7	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
71	49	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 86

Prevailing direction NE

Total movement, 256

Average hourly velocity, 10.7

Maximum velocity, 19 Direction, NE Time. Began 3.34 P.

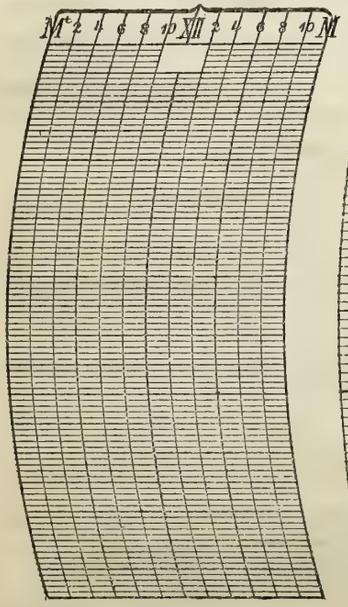
Extreme velocity, 19–NE–3.34 P.

Relative humidity, 82 a. m. 50 p. m.

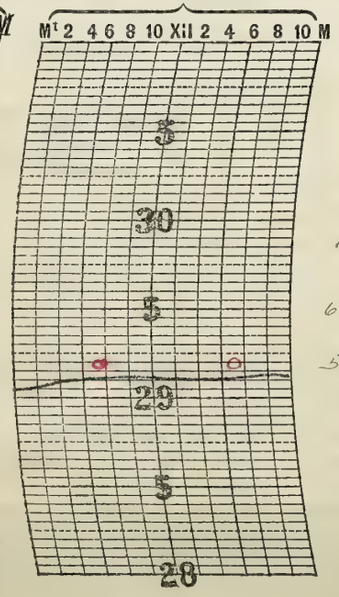
Reduced barometer, 30.04 a. m., 30.02 p. m.

River gage, 6.4 feet

THERMOGRAPH.



BAROGRAPH.



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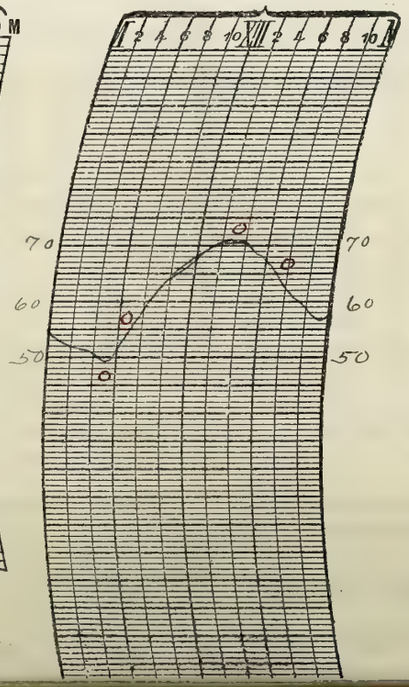


NOTES.

Prepared by HTC

Verified by JMcD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. Began ____

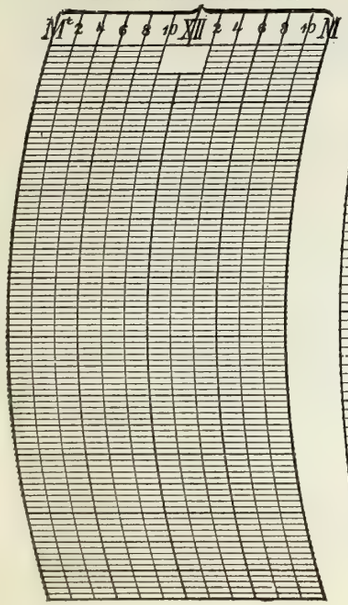
Extreme velocity, ____

Relative humidity, ____ a. m. ____ p. m.

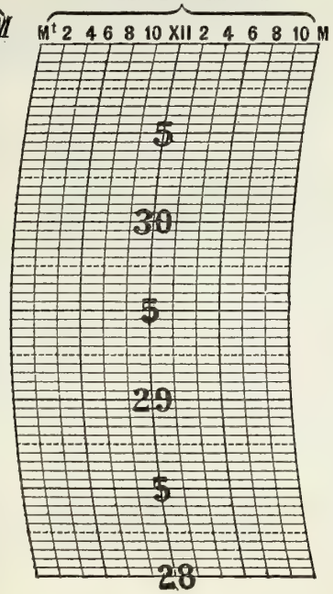
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

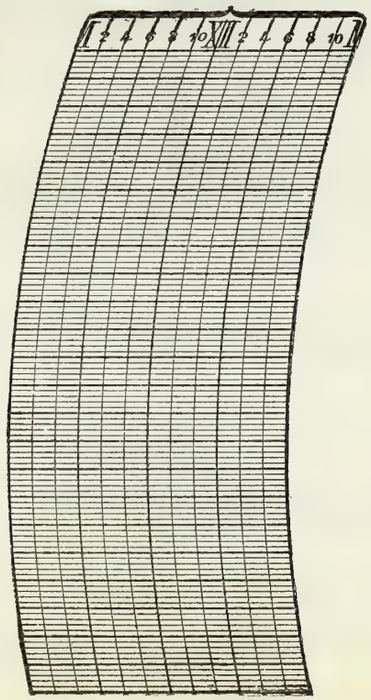
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 1 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	56	56	54	56	57	61	64	66	67	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy × Cloudy							
Sunshine (in tenths of hours)					0	0	0.2	0.4	1.0	0.6	0.6	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	8	8	6	7	9	11	11	9	7	9	10

Sunrise: Time, 4.11; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	69	68	67	64	63	62	61	60	59	59
State of weather: Nature of precipitation and time of beginning and ending		RB 1.20 RE 1.50										
Amounts of precipitation		.03										
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.2	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	11	12	12	11	10	8	8	7	5	5	6

Sunset: Time, 7.07; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time	
Excessive precipitation, accumulated amounts	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	70	54		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 3.8

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 26

Prevailing direction NE

Total movement, 210

Average hourly velocity, 8.8

Maximum velocity, 15 Direction, NE Time. Began 2.40 P.

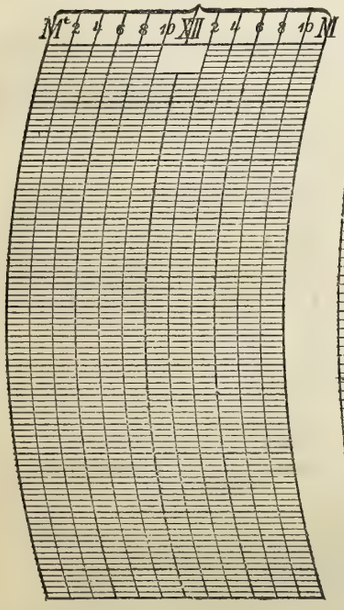
Extreme velocity, 15 - NE - 2.40 P.

Relative humidity, 72 a. m. 72 p. m.

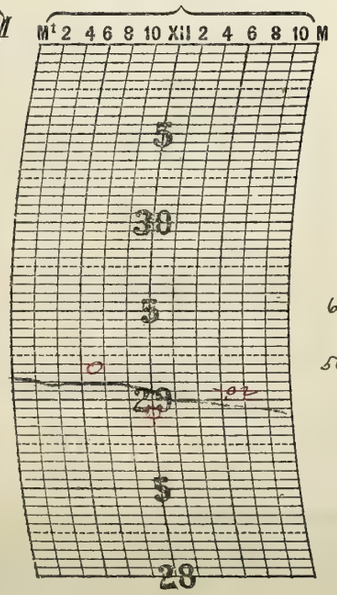
Reduced barometer, 30.02 a. m. 29.87 p. m.

River gage, 6.3 ft.

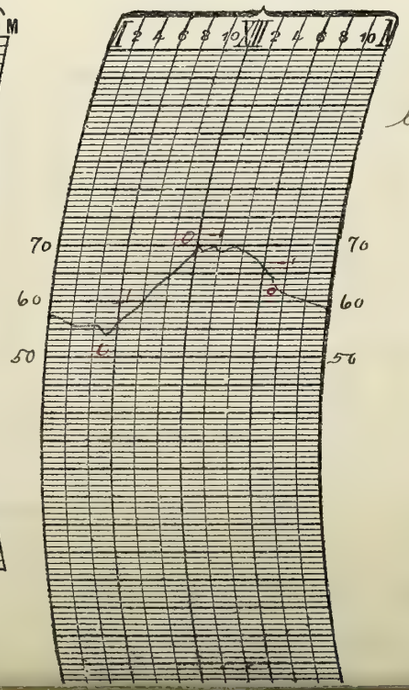
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A. Cu. and Ci. St. clouds prevailed during the forenoon

Prepared by JHC

Verified by DMG

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 2 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	58	58	58	58	58	59	59	59	59	59	59	59	61	60	60	60	57	58	58	57	57
State of weather: Nature of precipitation and time of beginning and ending			TB DN													RE 3.50								
Amounts of precipitation			.01	T	.03	.05	T	.07	T	T	.01	T	T	T	.01	.01								
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 4.10 Character, Cloudy																					Sunset: Time, 7.07 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	N	NE	N	NE	N	N	N	N	N	N	NW
Wind movement	7	6	8	8	7	10	10	9	10	11	10	11	9	8	8	11	10	5	6	5	7	5	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	57	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 194

Average hourly velocity, 8.1

Maximum velocity, 13 Direction, N Time. Began 13

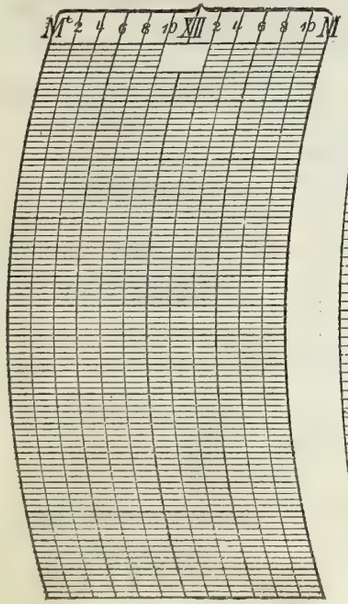
Extreme velocity, 13-N-

Relative humidity, 97 a. m., 89 p. m.

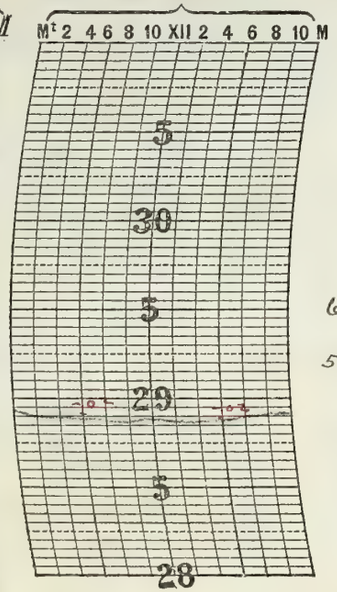
Reduced barometer, 29.78 a. m., 29.78 p. m.

River gage, 6.0 ft.

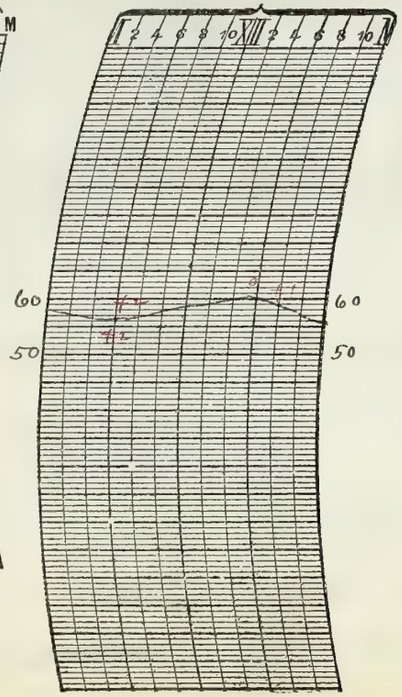
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HRC.
Verified by PMD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 3 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	56	55	55	56	57	56	58	59	61	62
State of weather: Nature of precipitation and time of beginning and ending				RB 8N RE 8N								
Amounts of precipitation				T								
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4.10 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.3
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	NW
Wind movement	6	5	6	6	6	5	5	7	6	6	7	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	65	65	64	64	63	62	61	61	60	60
State of weather: Nature of precipitation and time of beginning and ending										RB 9.40 RE 9.55		
Amounts of precipitation										T		
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									7.08 Cloudy			
Sunshine (in tenths of hours)	0	0.8	0	0	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	9	8	8	6	7	7	4	5	5	6	5	3
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	55	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 8

Prevailing direction NW.

Total movement, 146

Average hourly velocity, 6.1

Maximum velocity, 12 Direction, NW Time. Began 12.30 P.

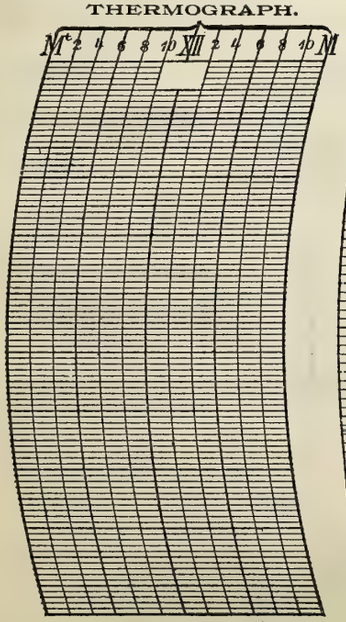
Extreme velocity, 12-NW-12.30 P.

Relative humidity, 91 a. m., 83 p. m.

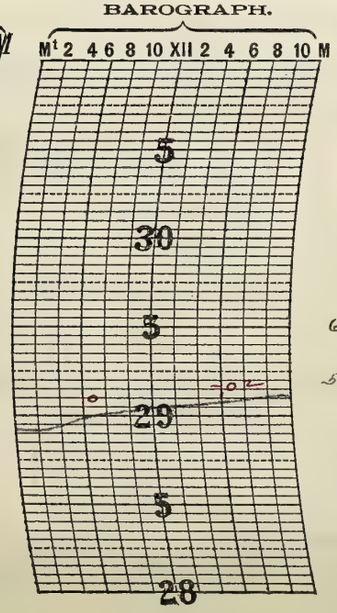
Reduced barometer, [illegible] a. m., 29.98 p. m.

River gage, 5.6 ft.

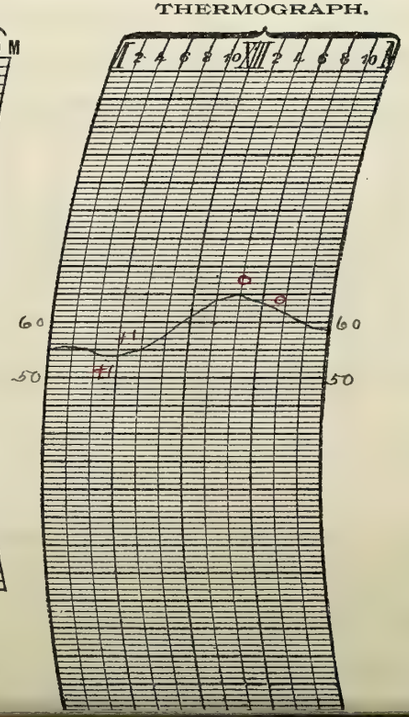
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shone through openings in clouds for short intervals.

Prepared by H.T.C.

Verified by P.M.E.O.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 4 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	59	59	59 TB 5.55	59	60	59	60 RE 10.00	62	63	65	67	68	69	69	68	66	63	61	59	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						T	T	T	T	T														
Cloudiness and other conditions						Cloudy								Cloudy ×				PtCldy ×				Clear		
Sunrise: Time, 4.10 Character, Cloudy																					Sunset: Time, 7.09 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.1	0.2	0.2	0	0.2	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	E	E	NE	NE	NE	E	NE	E	NE	NE	NE	NE	NE
Wind movement	6	3	3	5	3	3	4	4	7	7	7	6	5	6	5	6	7	7	8	7	6	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

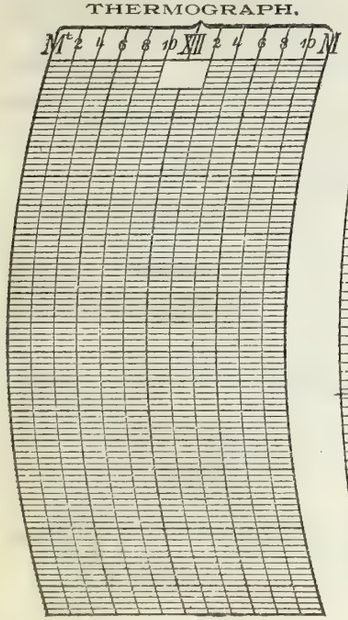
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

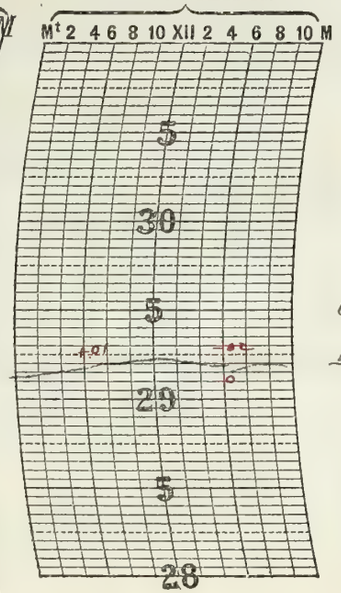
	Maximum.	Minimum.	Mean.	Normal.
	69	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Last Quarter, 10.32 A.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 5
Prevailing direction, NE
Total movement, 132
Average hourly velocity, 5.5
Maximum velocity, 9 Direction, E Began 6.52 P.
Extreme velocity, 9-E-9.52 P
Relative humidity, 97 a. m., 76 p. m.
Reduced barometer, 30.10 a. m., 30.07 p. m.
River gage, 5.1 ft.

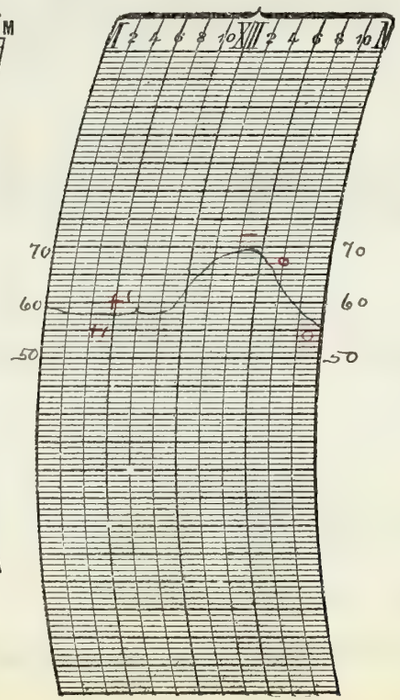
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog prevailed from 6.10 A. to 10.30 A.M.
Sky clear at 8.00 P.M.

Prepared by NRC.
Verified by JMC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 5 1915, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	52	51	51	51	54	57	64	69	73	76	76	77	77	79	78	78	76	73	70	69	68	67	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Pt Cloudy							Clear				
Sunshine (in tenths of hours)	Sunrise: Time, 4.09 Character, Clear				.85 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6	0.7	0.8	0.9 0.1	1.0 0	.15 0	Sunset: Time, 7.09 Character, Clear			
Wind direction	NE	NE	NE	NE	NE	NE	E	E	NE	SE	SE	SE	SE	E	SE	E	E	E	E	E	E	SE	SE	SE
Wind movement	6	5	7	6	7	6	5	4	5	6	7	8	9	7	7	8	8	6	6	6	6	6	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
79	51	65.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 13.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 91

Prevailing direction E

Total movement, 158

Average hourly velocity, 6.6

Maximum velocity, 12 Direction, SE Time. Began 11.15A.

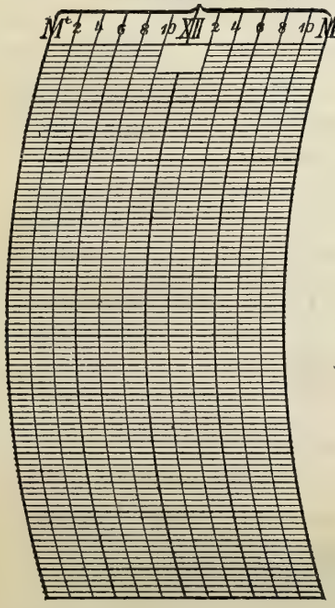
Extreme velocity, 12-SE-11.15A

Relative humidity, 77 a. m., 46 p. m.

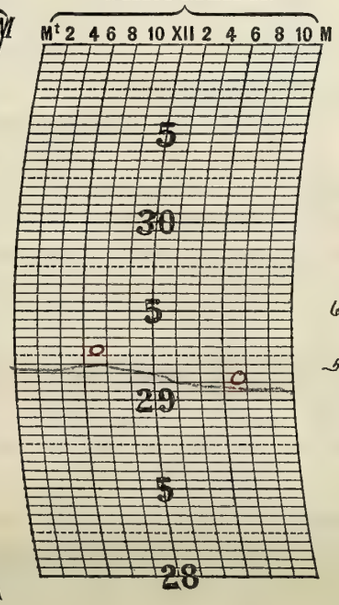
Reduced barometer, 30.10 a. m., 29.98 p. m.

River gage, 4.9 ft.

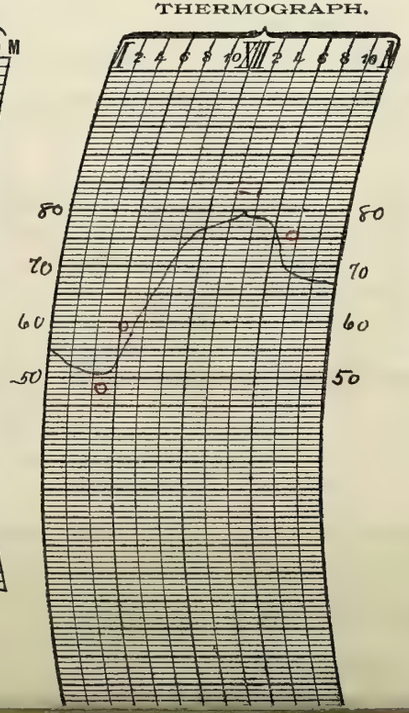
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J.H.T.C.

Verified by P.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	62	64	65	67	74	77	80	80	82	84	82	83	83	82	80	80	76	76	73	72	71
State of weather: Nature of precipitation and time of beginning and ending													RB 12.55	RE 1.05	RB 2.05 RE 2.10									
Amounts of precipitation													T	T	T									
Cloudiness and other conditions				←				Clear				→			Pt Cldy				Cloudy					
Sunrise: Time, 4.09 Character, Clear																					Sunset: Time, 7.10 Character, Cloudy			
Sunshine (in tenths of hours)					.85 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.9	1.0	0.5	0.4	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S
Wind movement	6	8	7	5	5	8	6	8	10	10	13	13	12	14	15	14	12	9	6	7	7	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

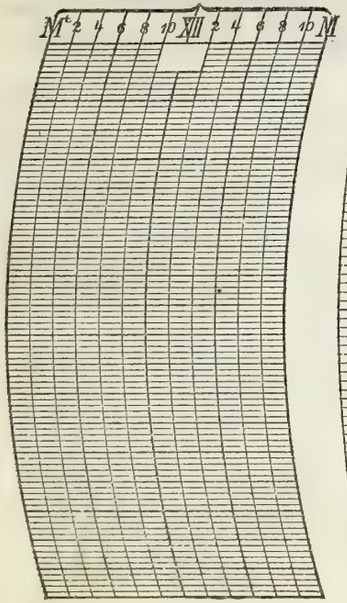
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

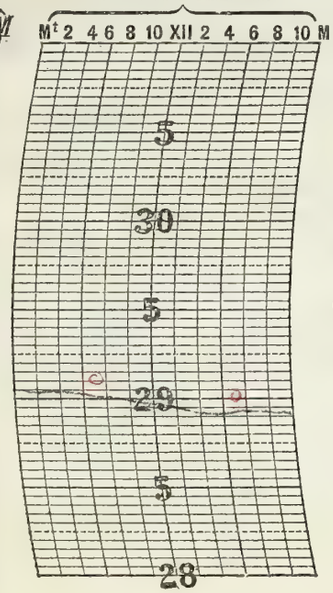
Maximum.	Minimum.	Mean.	Normal.
84	62	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 11.8
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 79
Prevailing direction S
Total movement, 219
Average hourly velocity, 9.1
Maximum velocity, 18 Direction, SW Time. Began 2.25 P.
Extreme velocity, 18-SW-2.25 P.
Relative humidity, 76 a. m. 68 p. m.
Reduced barometer 29.91 a. m. 29.83 p. m.
River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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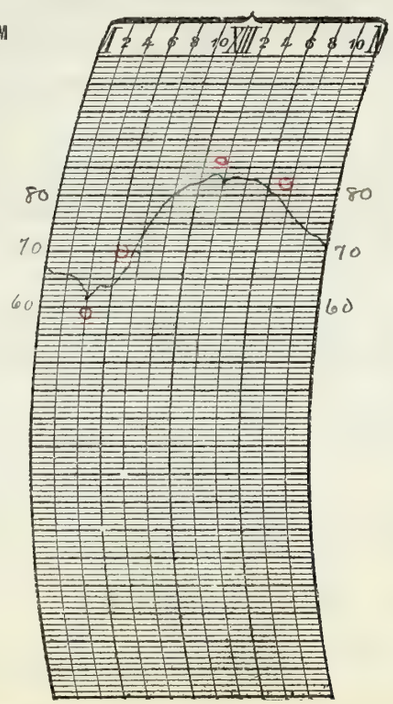


NOTES.

Prepared by J.H.O.
Verified by P.M.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 7 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	68	71	72	79	75	78	76	79
Nature of precipitation and time of beginning and ending				RB DR RE DR					RB 8.50	RE 9.30		RB 11.25
Amounts of precipitation				T					.01	.03		.14
Cloudiness and other conditions					Clear		P.C.		Cloudy			
Sunrise: Time, 4.09 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0.7	1.0	0.1	0.5	0.7	0
Wind direction	S	SW	S	S	S	SW	SW	SW	S	S	S	SW
Wind movement	8	9	8	8	8	7	6	5	9	12	15	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	73	64	57	58	57	56	54	53	51	50	50
Nature of precipitation and time of beginning and ending	RE 7.00		RB 2.10 RE 2.50									
Amounts of precipitation	.19		.01									
Cloudiness and other conditions				Cloudy								
Sunset: Time, 7.10 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.3	0	0	0	0	0	0				
Wind direction	SW	W	W	NW	NW	W	NW	NW	NW	NW	NW	NW
Wind movement	12	10	26	15	12	15	18	12	11	11	6	4

Maximum velocities (exceeding 29 miles) direction and time: 34 NW 2.37

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	50	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 22

Prevailing direction NW

Total movement, 259

Average hourly velocity, 10.8

Maximum velocity, 34 Direction, NW Time. Began 2.37 P.

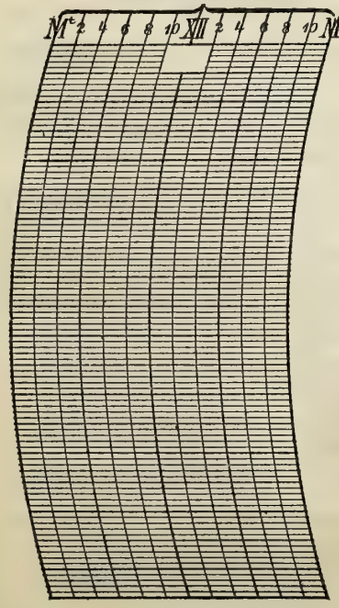
Extreme velocity, 35-NW-2.37 P.

Relative humidity, 89 a. m., 81 p. m.

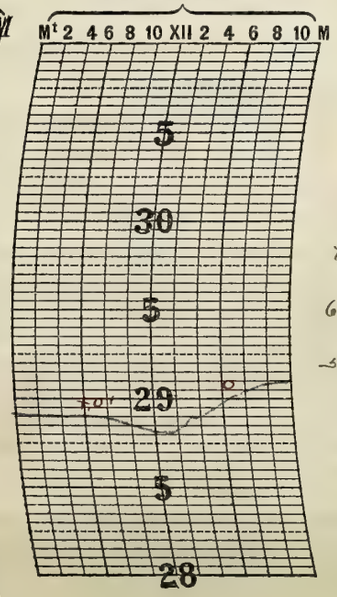
Reduced barometer, 29.82 a. m., 29.93 p. m.

River gage, 3.9 ft

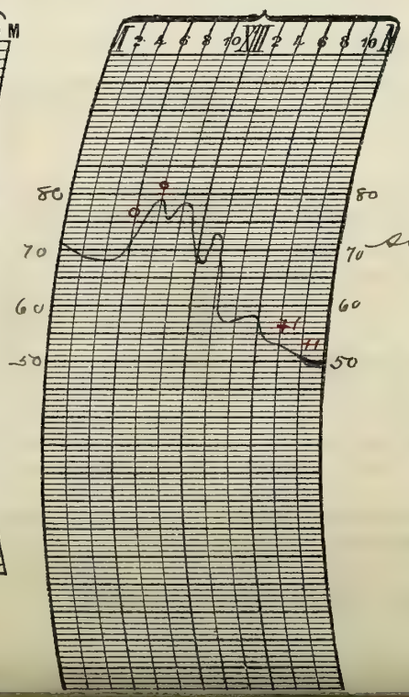
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light thunderstorms occurred at 10.25 A. and at 12.00 M.

A strong gust of wind, accompanied some rain during the afternoon.

Prepared by J.H.T.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 8 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	46	46	47	50	52	54	57	58	59	61	63	64	65	66	67 / 66	64	63	61	59	56	55	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear			×	P.C.		×	Cloudy				×	Pt Cloudy								
Sunshine (in tenths of hours)					85 / 0	0.6 / 0.4	0.3	0	0	0.3	0.2	0.4	0.9	0.8	0.9	0.7	0.5	0.1	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	3	3	2	2	2	1	5	6	7	7	8	8	10	8	10	8	6	4	6	7	7	8

Sunrise: Time, 4.09; Character, Clear.

Sunset: Time, 7.11; Character, Cloudy.

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	67	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy. Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 7.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 48

Prevailing direction SW

Total movement, 136

Average hourly velocity, 5.7

Maximum velocity, 14 Direction, SW Time. Began 4.19 P

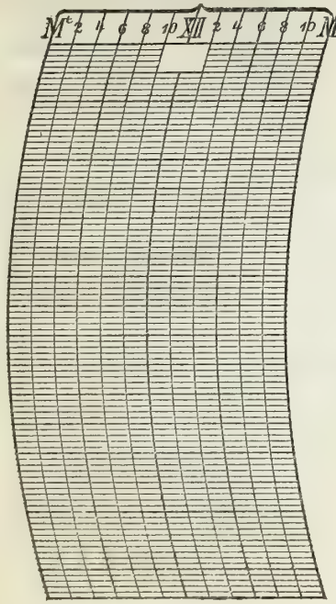
Extreme velocity, 14-SW-4.19 P.

Relative humidity, 78 a. m., 60 p. m.

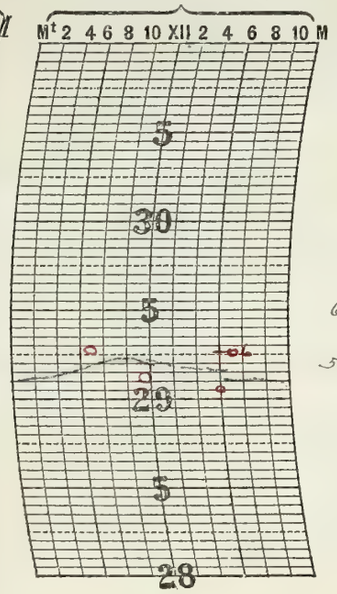
Reduced barometer, 30.13 a. m., 30.02 p. m.

River gage, 3.9 ft.

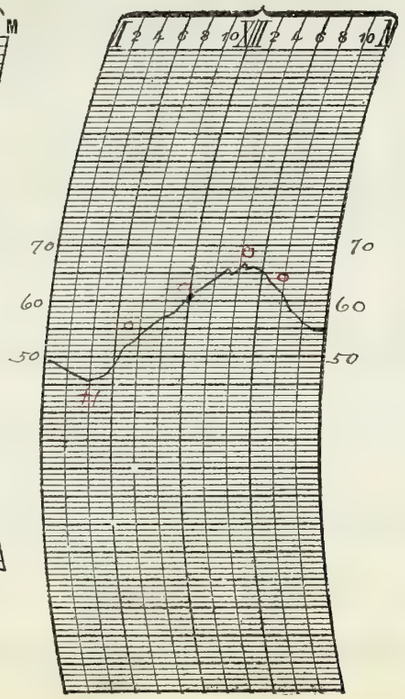
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the morning.

Prepared by J.H.C.

Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 9 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	55	51	50	51	52	52	53	55	56	56	56	56	56	57	56	55	52	51	50	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Clear			× P.C.		×	Cloudy				Cloudy							→		
Sunrise: Time, 4.08 Character, Clear																					Sunset: Time, 7.12 Character, Cloudy			
Sunshine (in tenths of hours)					87 0	0.5 0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5	0	0				
Wind direction	SSW	SSW	SSW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	W	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	10	9	11	11	10	10	12	12	13	13	15	15	14	14	12	11	11	8	7	7	5	4	3	1
Maximum velocities (exceeding 29 miles) direction and time																								

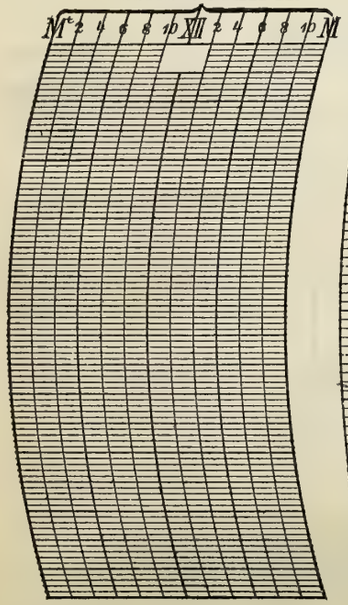
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

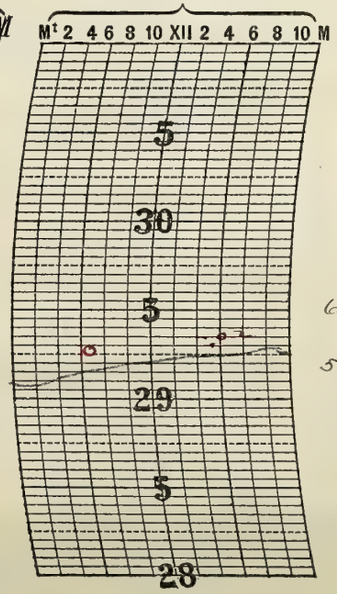
	Maximum.	Minimum.	Mean.	Normal.
	57	49	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 12.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 85
Prevailing direction NW
Total movement, 238
Average hourly velocity, 9.9
Maximum velocity, 17 Direction, W Time. Began 10.30 A
Extreme velocity, 18-W-10.30 A.
Relative humidity, 75 a. m., 71 p. m.
Reduced barometer, 30.09 a. m., 30.14 p. m.
River gage, 3.8 ft.

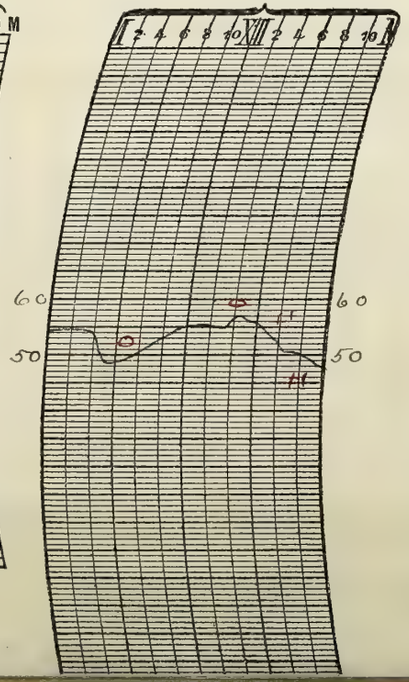
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sunshining through openings in the clouds.
Heavy dew formed in the early morning.

Prepared by J.H.C.
Verified by P.M.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	44	43	44	53	55	57	61	64	67	68	70	71	71	65	66	67	66	65	64	64	63
State of weather: Nature of precipitation and time of beginning and ending																	RB 4.00	RE 5.10						
Amounts of precipitation																	.09	.01						
Cloudiness and other conditions					← Pt Cloudy									×	Cloudy				× Pt Cldy			→		
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.12 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0	0	0	0	0	0				
Wind direction	N	N	O	N	N	NE	E	E	SE	SE	S	S	SE	SE	S	S	SE	SE	SE	SE	SE	S	S	S
Wind movement	2	1	0	3	2	5	6	7	10	9	10	11	14	15	13	7	4	5	9	8	8	10	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	71	43	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 8.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 54

Prevailing direction SE

Total movement, 175

Average hourly velocity, 7.3

Maximum velocity, 18 Direction, SE Time. Began 1.45 P.

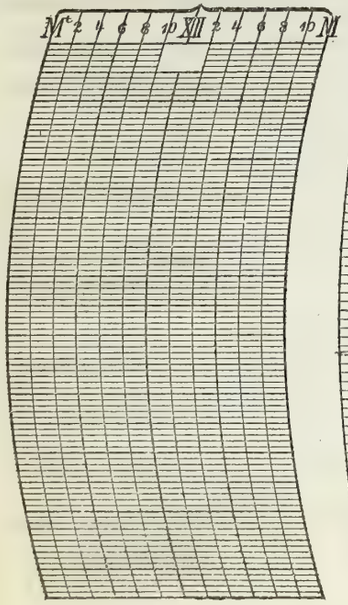
Extreme velocity, 18-SE-1.45 P.

Relative humidity, 73 a. m. / 69 p. m.

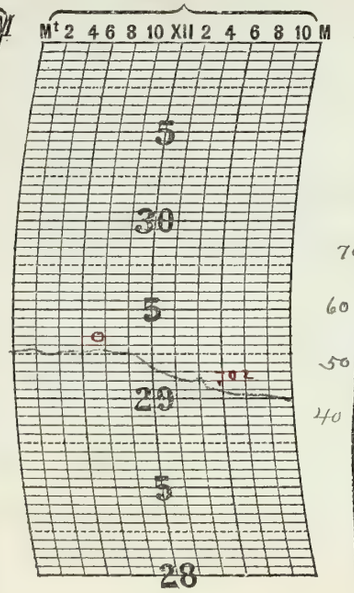
Reduced barometer, 30.20 a. m. / 29.94 p. m.

River gage, 3.7 ft.

THERMOGRAPH.



BAROGRAPH.



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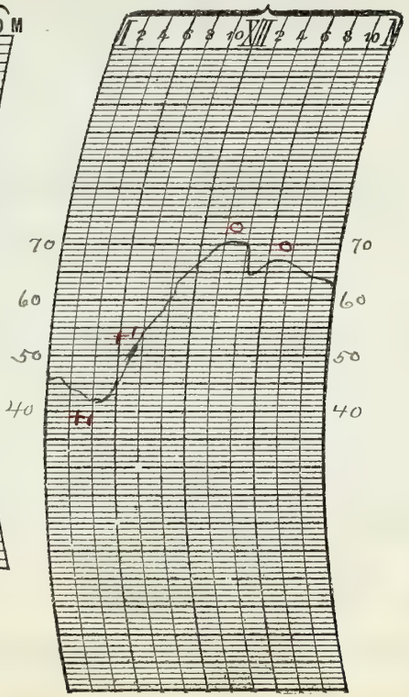


NOTES.

Sun shining through openings in Clouds.

Prepared by J.F.S.
Verified by J.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 11 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	65	65	66	64	68	71	73	75	77	78	79	78	78	75	73	71	69	67	63	60
State of weather: Nature of precipitation and time of beginning and ending				RB DR RE DN				TPB 7.04 RE 8.00																
Amounts of precipitation				T				.03																
Cloudiness and other conditions	Cloudy												Pt Cldy					Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	S	S	S	S	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	8	8	9	9	10	9	10	8	9	12	17	16	13	10	10	9	10	10	9	3	3	5	5	6

Sunrise: Time, 4.08; Character, Cloudy

Sunset: Time, 7.13; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	79	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 8.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 53

Prevailing direction SW

Total movement, 218

Average hourly velocity, 9.1

Maximum velocity, 19 Direction, SW Time. Began 10.33A.

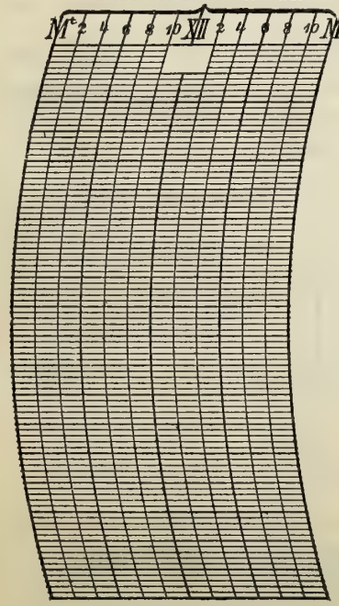
Extreme velocity, 19-SW-10.33A.

Relative humidity, 82 a. m., 72 p. m.

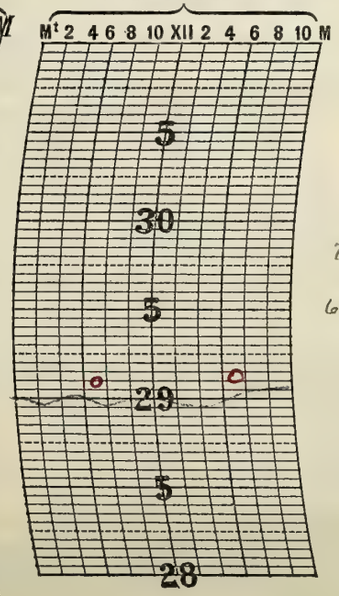
Reduced barometer, 29.91 a. m., 29.89 p. m.

River gage, 3.5 ft

THERMOGRAPH.



BAROGRAPH.



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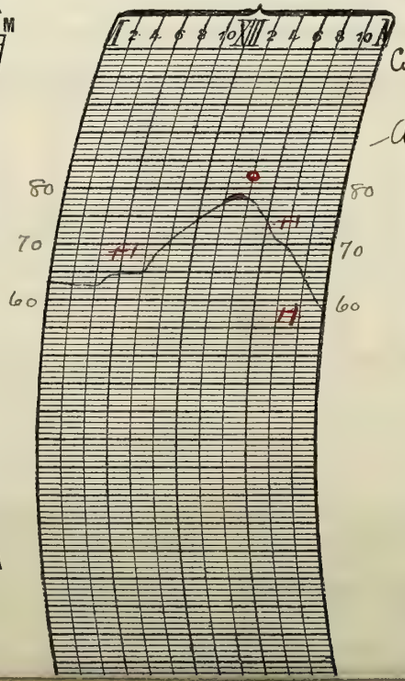


NOTES.

Ci. St. Clouds prevailed during the remainder of the day after 9.20 A.M.

Prepared by H.T.C.

Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 12 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	55	57	58	59	62	65	68	71	76	78	80	81	81	81	79	77	76	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Cloudy						Pt. Cloudy			×		Clear									→
Sunshine (in tenths of hours)					0	0	0.1	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.2	0	0				
Wind direction	NW	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S
Wind movement	7	6	8	10	10	11	11	12	13	12	12	11	13	8	10	7	9	9	12	11	12	13	11	9

Sunrise: Time, 4.08; Character, Cloudy

Sunset: Time, 7.13; Character, Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, New Moon 12.57 P.

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 52

Prevailing direction SE

Total movement, 247

Average hourly velocity, 10.3

Maximum velocity, 16 Direction, NE Time. Began 8.43 A.

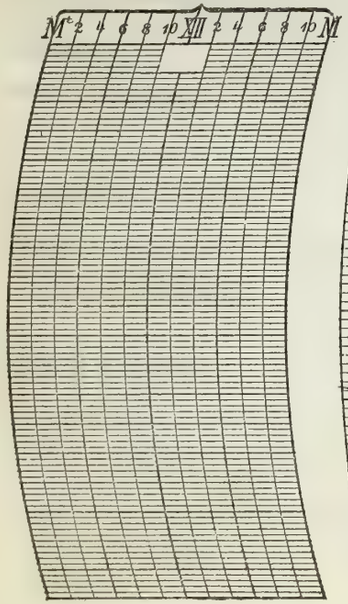
Extreme velocity, 16 - NE - 8.45 A.

Relative humidity, 80 a. m., 71 p. m.

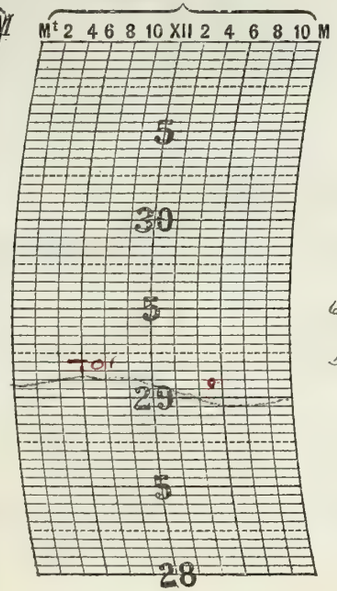
Reduced barometer, 30.04 a. m., 29.85 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



BAROGRAPH.



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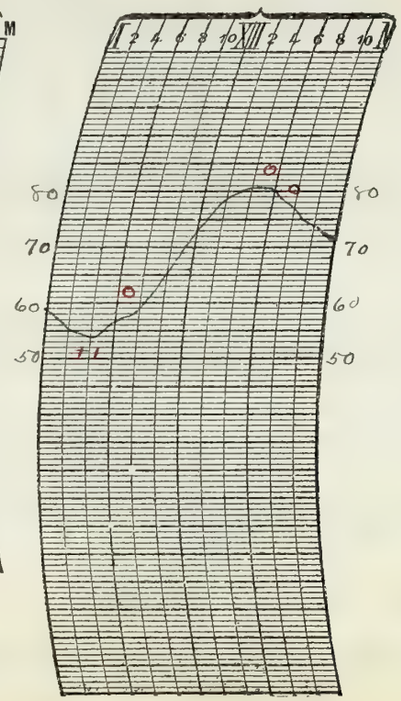


NOTES.

Prepared by J.H.C.

Verified by C.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 1 0 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	74	62	62	62	63	68	68	72	78	80	81 79
Nature of precipitation and time of beginning and ending		RB 1.40		RE 3.30				RB 7.05 RE 7.35				
Amounts of precipitation		T	.11	.01				T				
Cloudiness and other conditions				Cloudy				Pt Cloudy				
Sunrise: Time, Character,	4.08 Cloudy											
Sunshine (in tenths of hours)					0	0.1	0.4	0.4	0.9	1.0	0.9	0
Wind direction	S	SW	NW	E	SE	SE	SE	S	S	S	S	SW
Wind movement	12	16	15	4	3	7	10	11	12	16	18	16
Maximum velocities (exceeding 25 miles) direction and time		34 NW 1.50										

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	66	67	65	70	72	71	65	63	60	59	58
Nature of precipitation and time of beginning and ending	RB 12.03				RE 4.10							
Amounts of precipitation	T	.33	.03	.02	T							
Cloudiness and other conditions		Cloudy				Pt. Cldy						
Sunset: Time, Character,									7.14 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0.2	0	0	0				
Wind direction	SW	W	SW	SW	SW	W	NW	NW	NW	NW	NW	NW
Wind movement	10	16	15	10	14	9	6	10	8	6	4	5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .50 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 26

Prevailing direction NW

Total movement, 253

Average hourly velocity, 10.6

Maximum velocity, 34 Direction, NW Time. Began 1.50 A.M.

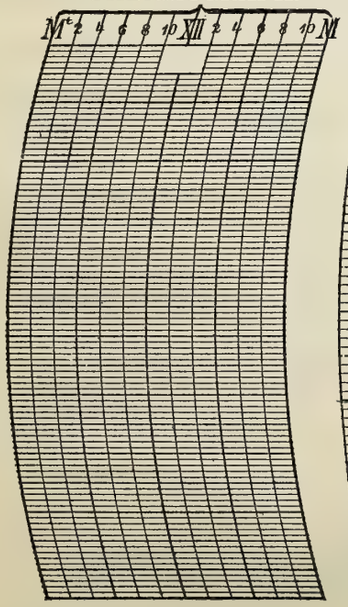
Extreme velocity, 36 – NW – 1.52 A.M.

Relative humidity, 81 a. m. 82 p. m.

Reduced barometer, 29.94 a. m. 30.02 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



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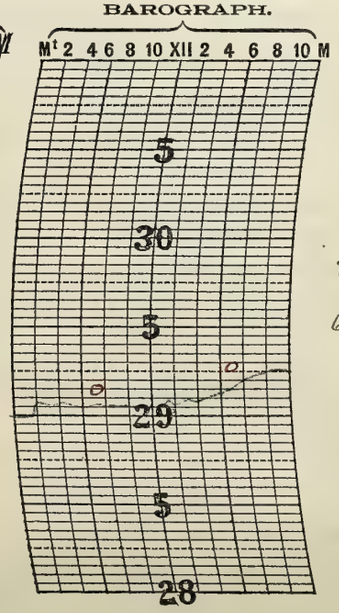

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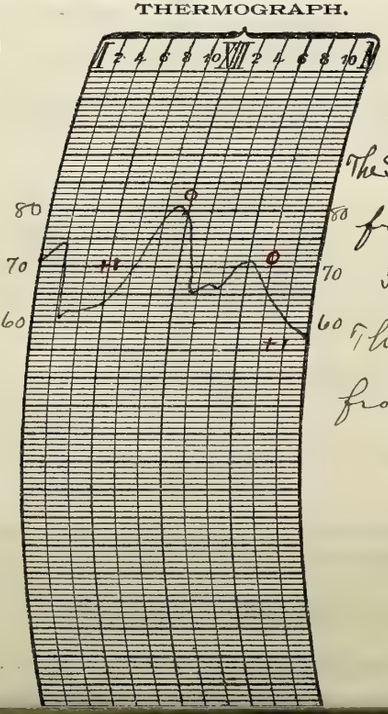


NOTES.

First thunder heard at 2.00 A.M.
Last thunder heard at 3.30 A.M.
The Storm, accompanied by a sudden gust of wind came from the northwest. The damage in the city was slight.
First thunder heard at 11.45 A.M. Last thunder, at 4.00 P.M.
The storm accompanied by moderate thunder came from the west.

Prepared by J.H.T.C.
Verified by P.M.S.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 14 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	54	53	54	54	55	57	60	63	65	68
Nature of precipitation and time of beginning and ending							RB 6.15 RE 6.25					
Amounts of precipitation							T					
Cloudiness and other conditions				← Pt cldy				×	Cloudy			
Sunshine (in tenths of hours)					0	0	0.1	0.8	0.9	0.5	1.0	1.0
Wind direction	NW	N	N	N	N	NE	NE	NE	E	NE	NE	E
Wind movement	6	6	5	4	5	2	7	9	9	7	7	7

Sunrise: Time, 4.08; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	70	70	69	69	68	65	61	60	59	57
Nature of precipitation and time of beginning and ending							RB 6.35					
Amounts of precipitation							T	.06	.19	.01	T	.03
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	1.0	0.4	0.6	0	0	0	0	0				
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NW	NE	NE	NE
Wind movement	5	7	9	10	9	11	11	6	9	12	11	9

Sunset: Time, 7.14; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 6.3
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 42
Prevailing direction NE
Total movement, 183
Average hourly velocity, 7.6

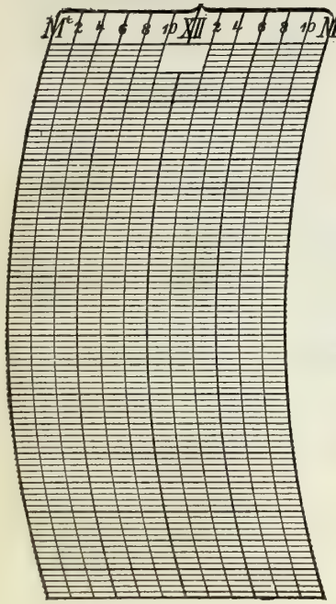
Maximum velocity, 17 Direction, NE Time. Began 9.00 P.M.
Extreme velocity, 17 NE 9.00 P.M.
Relative humidity, 88 a. m. / 100 p. m.
Reduced barometer, 30.23 a. m. / 30.01 p. m.
River gage, 3.4 ft

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

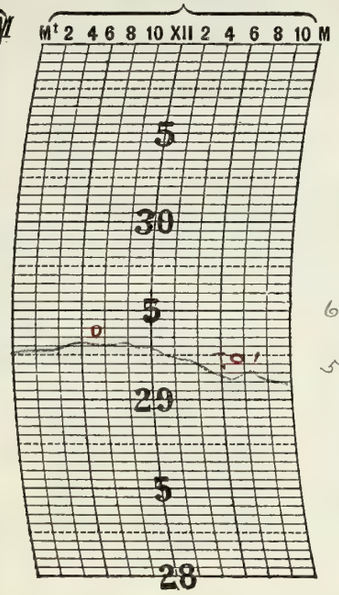
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

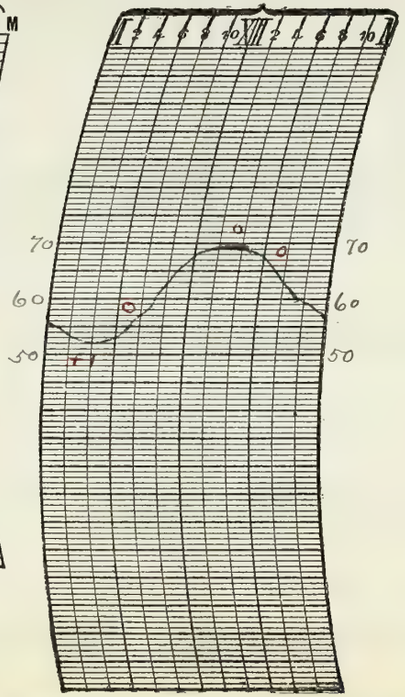
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

× estimated, clock stopped on [illegible]

Sun shining through openings in St. Cu. Clouds.

Prepared by J.T.C.
Verified by C.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 1 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	57	57	57	58	57	58	58	60	62	65	68	69	70	70	70	69	66	65	64	62	60
State of weather: Nature of precipitation and time of beginning and ending		Rs																						
Amounts of precipitation	.04	.01																						
Cloudiness and other conditions					Cloudy					×	Pt Cldy		×			Clear								
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0				
Wind direction	NE	N	N	NW	W	NW	NW	NW	NW	NW	W	NW	NW	NW	W	W	W	W	W	W	S	S	S	S
Wind movement	6	6	4	4	6	9	12	11	11	12	11	11	9	9	8	9	8	8	4	4	5	6	7	7
Maximum velocities (exceeding 35 miles) direction and time																								

Sunrise: Time, 4.08; Character, Cloudy

Sunset: Time, 7.14; Character, Clear

0.2 1.0 .23

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
70	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .34 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 61

Prevailing direction NW

Total movement, 187

Average hourly velocity, 7.8

Maximum velocity, 15 Direction, NW Time. Began 7.21 A.M.

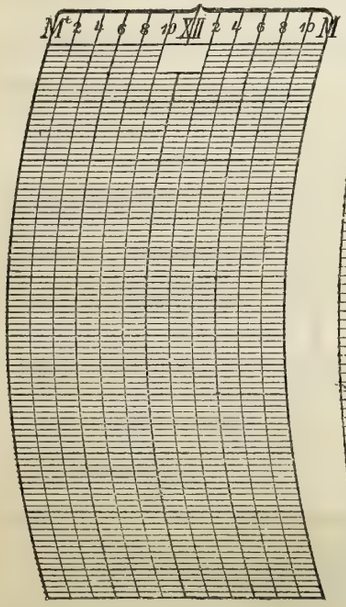
Extreme velocity, 15 - NW - 7.21 A.M.

Relative humidity, 90 a. m., 59 p. m.

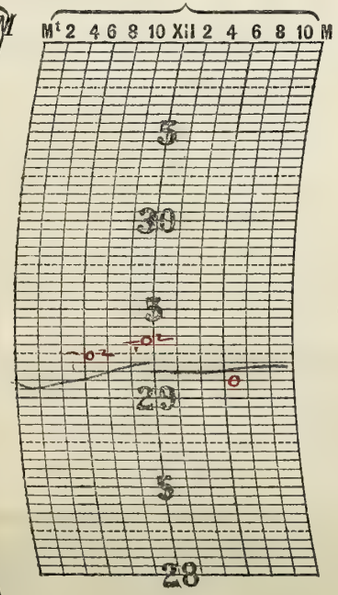
Reduced barometer, 30.00 a. m., 30.08 p. m.

River gage, 3.6 ft.

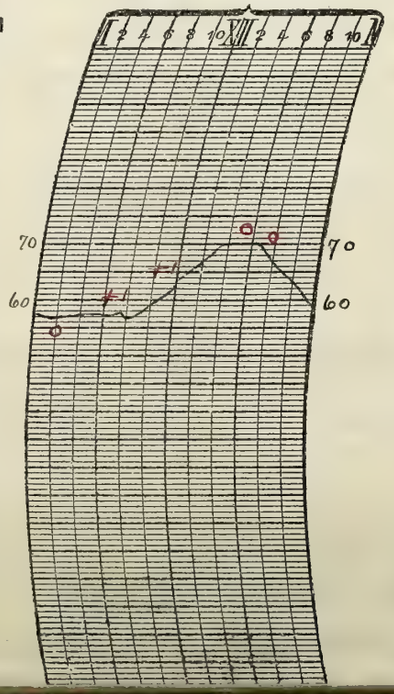
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.T.C.

Verified by P.M.D.

Form No. 1011—Met. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 16 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	58	58	63	67	70	74	75	75	76	76	77	76	76	75	73	71	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						Pt Cloudy				Pt Cloudy								
Sunrise: Time, 4.08 Character, Clear																					Sunset: Time, 7.15 Character, Cloudy			
Sunshine (in tenths of hours)					.87 0	0.8 0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5	0.4	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	SW
Wind movement	6	7	8	8	7	8	9	11	11	15	16	14	17	15	15	14	13	13	9	10	11	9	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
77	58	68 ✓	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5.5

Actual sunshine, hours, 12.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 81

Prevailing direction S.

Total movement, 263

Average hourly velocity, 11.0

Maximum velocity, 29 Direction, SW Time. Began 1.26 PM

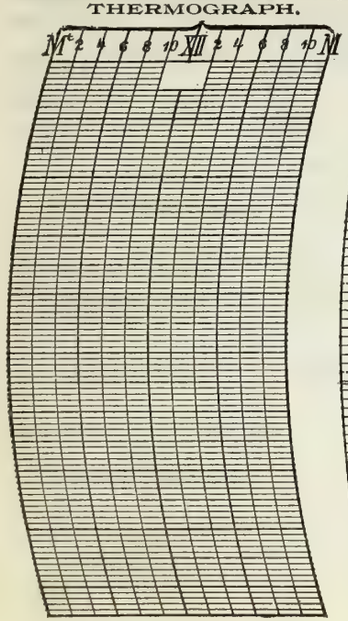
Extreme velocity, 21-SW-1.26 PM

Relative humidity, 76 a. m., 61 p. m.

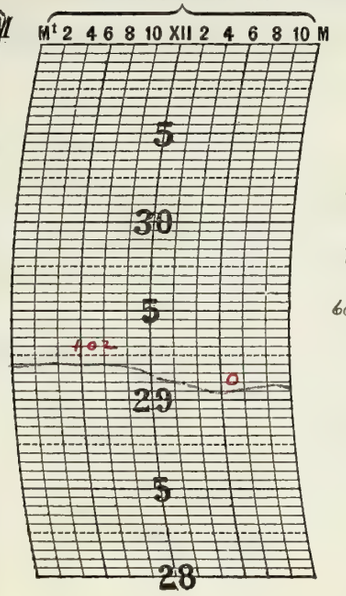
Reduced barometer, 30.14 a. m., 29.97 p. m.

River gage, 3.6 ft

THERMOGRAPH.



BAROGRAPH.



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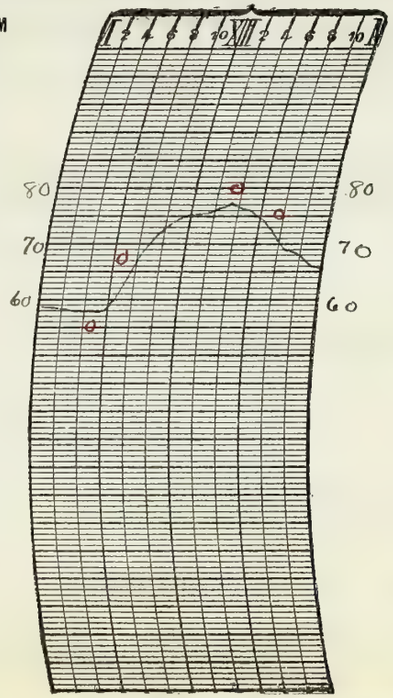


NOTES

Prepared by J.H.C.

Verified by P.M.L.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 17 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	61	59	59	61	64	67	69	70	72	74	74	76	76	76	76	73	70	67	65	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Clear								Clear								→	
Sunrise: Time, 4.08 Character, Clear																					Sunset: Time, 7.15 Character, Clear			
Sunshine (in tenths of hours)					.87 0	.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.25 0				
Wind direction	S	SW	SW	W	NW	NW	N	N	NE	NE	N	NW	N	N	NE	N	NW	N	NE	NE	NE	E	E	E
Wind movement	8	8	7	7	7	7	8	6	6	5	5	7	7	5	5	6	6	5	6	6	10	12	11	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) Few

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction N.

Total movement, 172

Average hourly velocity, 7.2

Maximum velocity, 15 Direction, E Time. Began 9.38 P

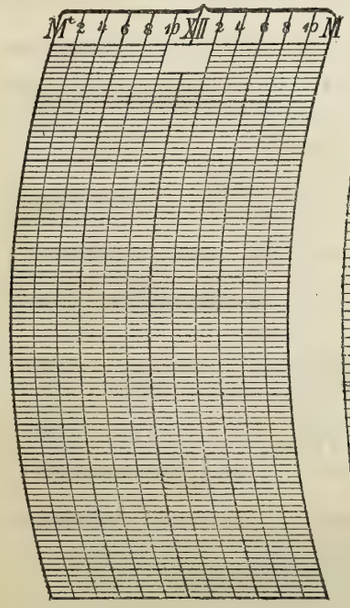
Extreme velocity, 15-E-9.38 P

Relative humidity, 64 a. m. 51 p. m.

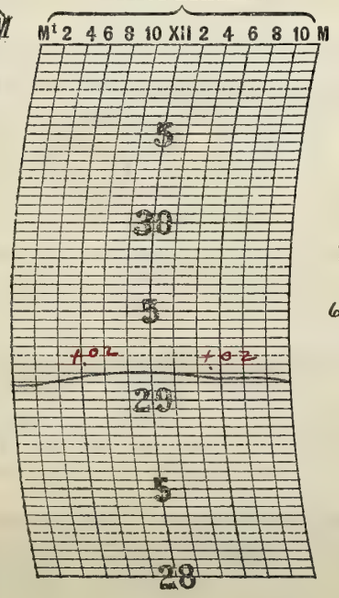
Reduced barometer, 30.09 a. m. 30.06 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



BAROGRAPH.



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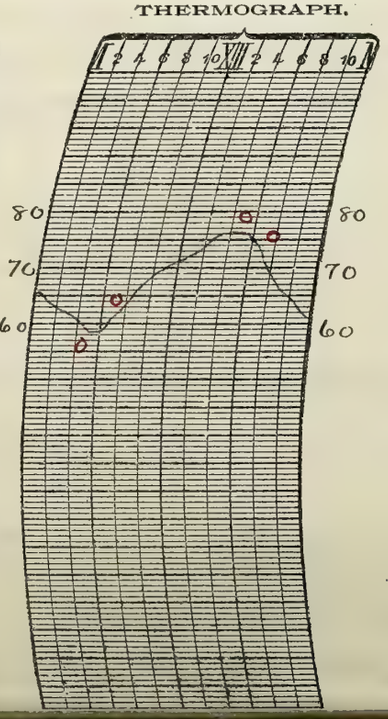


NOTES.

The sky was cloudless till 10.30 A.M.

Prepared by J.H.C.

Verified by P.M.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 18 1915, 191

Time (local standard), 90 mer. — 7 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	55	55	57	61	70	71	74	78	80	79	80	81 77	77	75	75	73	73	72	70	69	68
Nature of precipitation and time of beginning and ending													RB 1247		RE 245					RB 730 RE 740				
Amounts of precipitation													T	T	.03					T				
Cloudiness and other conditions					Cloudy										Cloudy									
Sunshine (in tenths of hours)					0	0	0	0.2	0	0.5	0.8	0.6	0.2	0.5	0.5	0.6	0.8	0.6	0	0				
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	9	10	7	9	10	7	5	7	9	12	15	16	16	22	30	28	26	22	17	15	10	12	10	8
Maximum velocities (exceeding 29 miles) direction and time															34 SW 2.25	36 SW 3.30	32 SW 4.10							

State of weather.

Sunrise: Time, 4.08; Character, Cloudy

Sunset: Time, 7.15; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	
5 min.	
10 min.	
15 min.	
20 min.	
25 min.	
30 min.	
35 min.	
40 min.	
45 min.	
50 min.	
60 min.	
80 min.	
100 min.	
120 min.	

	Maximum.	Minimum.	Mean.	Normal.
	81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) +10

Actual sunshine, hours, 5.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 35

Prevailing direction SW

Total movement, 332

Average hourly velocity, 13.8

Maximum velocity, 36 Direction, SW Began 3.30 P.M.

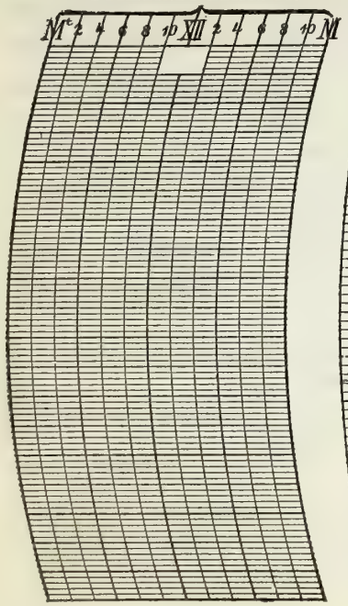
Extreme velocity, 40 SW - 3.30 P.M.

Relative humidity, 85 a. m. 82 p. m.

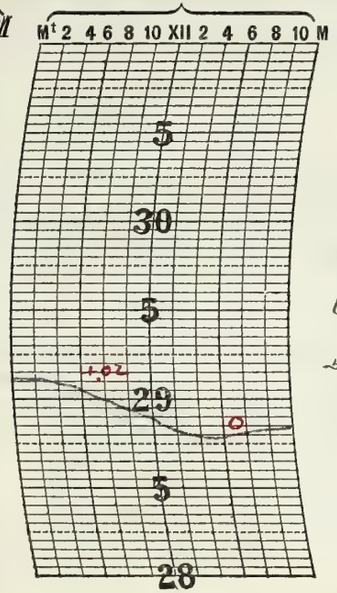
Reduced barometer, 29.96 a. m. 29.72 p. m.

River gage, 4.0 ft.

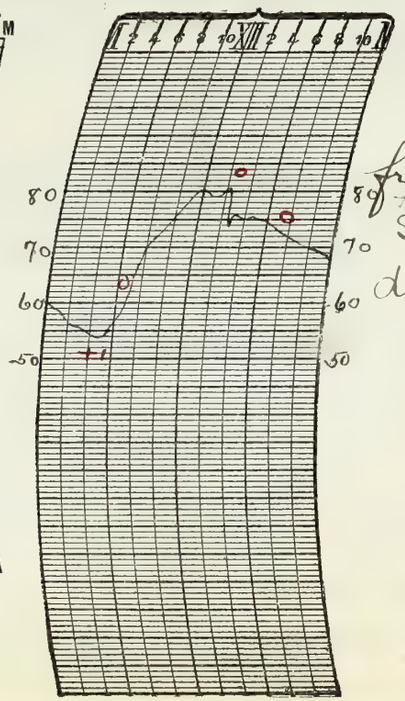
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light. first heard at 12.45 P.M.
Strong and somewhat gusty winds prevailed from 2.00 P. to 6.00 P.M.
Sun shone through openings in the clouds during the day

Prepared by J.H.C.
Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 19 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	64	61	61	61	61	61	62	63	64	65	66	67	70	71	73 / 71	71	68	65	64	63 RB 7.25	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						T	T	T
Cloudiness and other conditions				←			Cloudy						Cloudy		*	Fcldy	*		Cloudy					
Sunrise: Time, Character	4.08 Cloudy																				Sunset: Time, Character	7.16 Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	1.0	1.0	1.0	0.7	0.9	0	0	0	0				
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	W	SW	SW	SW	NE	N	N	NE	NE
Wind movement	9	10	11	11	11	11	9	10	10	9	9	10	8	6	4	5	3	2	4	8	7	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	61	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 34

Prevailing direction W

Total movement, 189

Average hourly velocity, 7.9

Maximum velocity, 16 Direction, NW Time. Began 2.28 A.M.

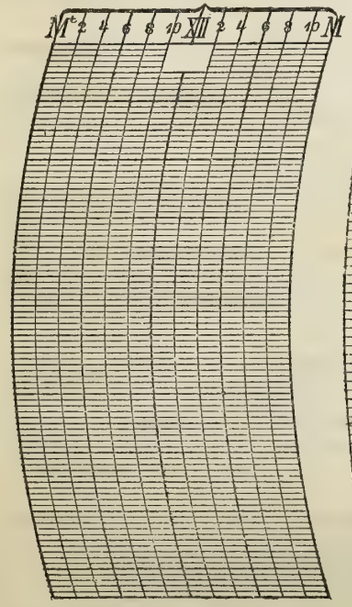
Extreme velocity, 16 NW 2.28 A.M.

Relative humidity, 81 a. m. 74 p. m.

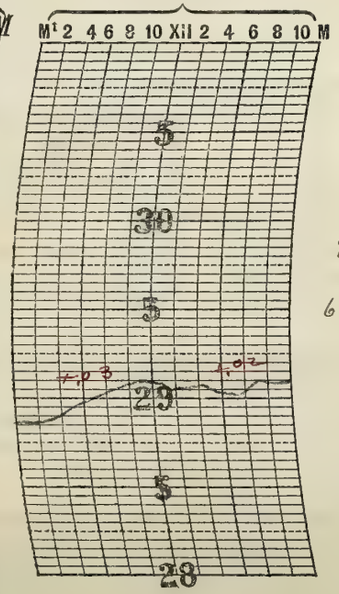
Reduced barometer, 29.96 a. m., 30.00 p. m.

River gage, 4.5 ft.

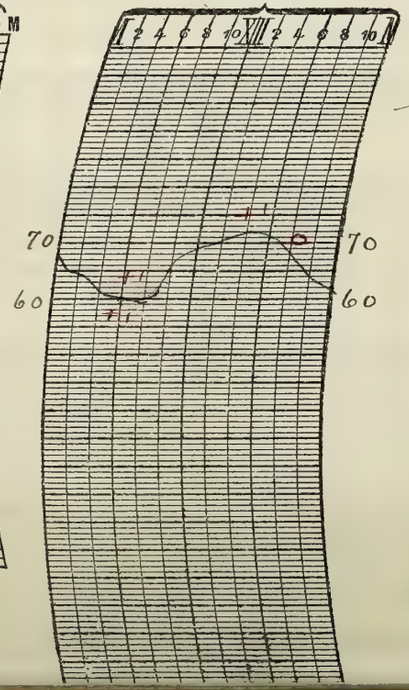
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shone through openings in the clouds during part of the day.

Prepared by JHC

Verified by PMC

Form No. 1011-Rev. A

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 2 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	59	59	59	60	61	62	67	69	69	71	72	73	74	72	72	71	68	66	64	63	61
State of weather: Nature of precipitation and time of beginning and ending	TE DN						RB 6.10 RE 6.30																	
Amounts of precipitation	.01						T																	
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	1.0	1.0	1.0	1.0	0.8	0.3	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	10	8	8	10	11	10	10	12	11	11	12	12	10	11	10	7	7	8	8	9	10	10	9	7

Sunrise: Time, 4.09; Character, Cloudy

Sunset: Time, 7.16; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, First Quarter 8 24 A.

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 37

Prevailing direction NE

Total movement, 231

Average hourly velocity, 9.6

Maximum velocity, 16 Direction, NE Began 10.58 AM

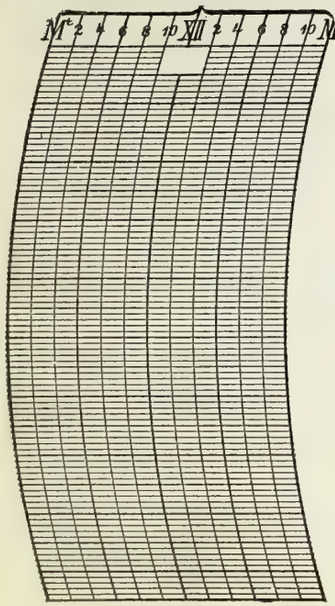
Extreme velocity, 19-NE-10.58 AM

Relative humidity, 93 a. m., 62 p. m.

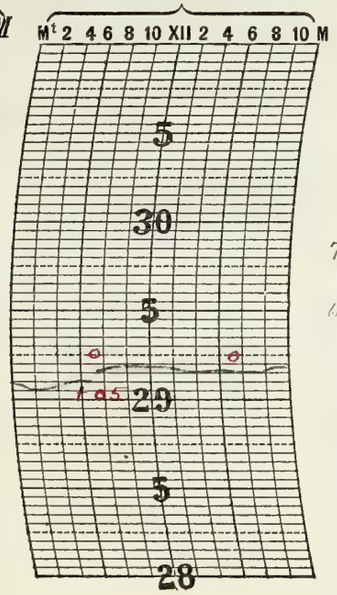
Reduced barometer, 30.07 a. m., 30.08 p. m.

River gage, 4.9 ft.

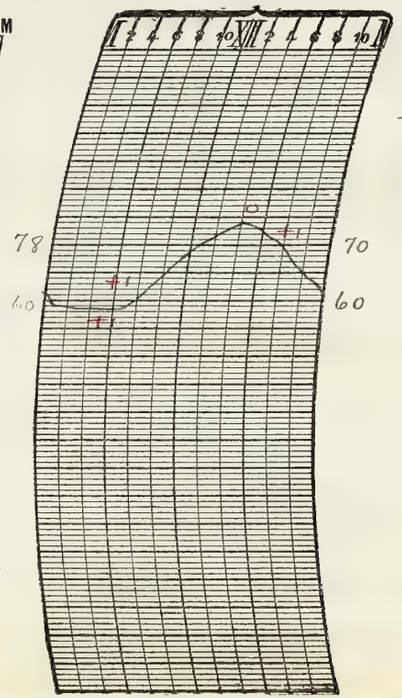
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Sun shone through openings in clouds during the middle of the day.

Prepared by J.H.C.

Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 1 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	57	58	60	63	65	68	70	74	76	76	79	78	78	77	75	71	70	67	65	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Cloudy								×	Pt Cloudy			×	Clear				
Sunshine (in tenths of hours)	Sunrise: Time, 4.09 Character, Cloudy				0	0	0.2	0.5	0.7	1.0	0.2	0.7	1.0	0.6	1.0	0.8	0.8	0.4	1.0	0.27	Sunset: Time, 7.16 Character, Clear			
Wind direction	E	E	E	E	NE	NE	E	NE	E	SE	SE	S	SW	SW	W	W	W	NW	W	NW	NW	SW	SW	SW
Wind movement	7	7	9	9	10	11	10	11	9	7	8	4	6	6	7	10	10	12	8	7	4	5	8	8
Maximum velocities (exceeding 2.9 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 9.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 62

Prevailing direction E.

Total movement, 193

Average hourly velocity, 8.0

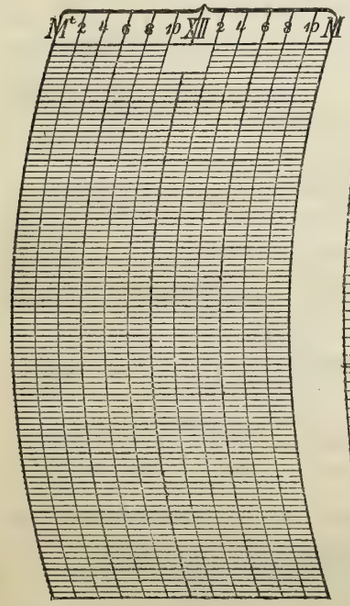
Maximum velocity,	Direction,	Time.
15	NW	Began 5.55 P.M.
Extreme velocity, 15	NW	5.55 P.M.

Relative humidity, 73 a. m., 64 p. m.

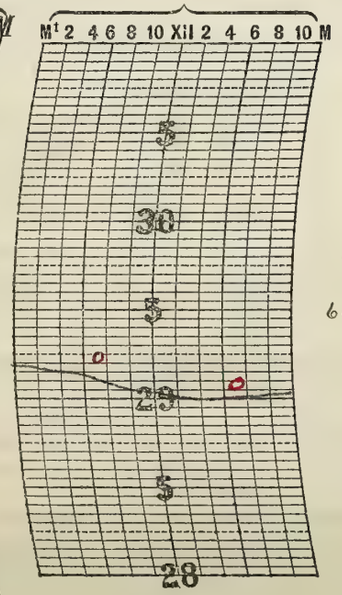
Reduced barometer, 30.02 a. m., 29.88 p. m.

River gage, 5.2 ft.

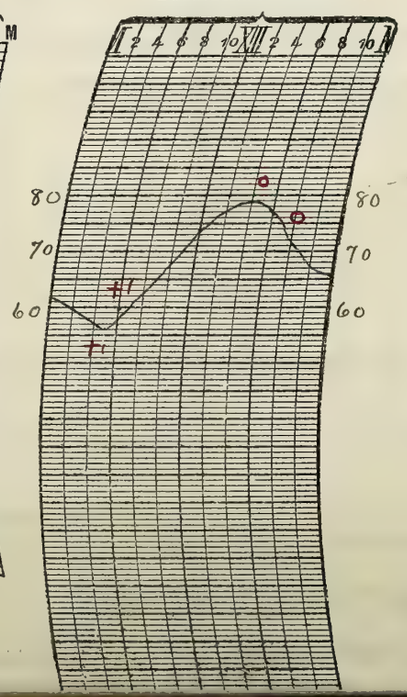
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shone through opening in the clouds.

Prepared by N.F.C.
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	61	60	59	61	65	67	68	69	70	71	72	72	73	73	72	70	68	64	62	59	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)					.85 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.27 0				
Wind direction	W	W	W	W	SW	W	W	W	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	8	10	8	7	8	8	11	13	16	15	18	20	21	21	20	19	19	17	11	6	4	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.09; Character, Clear

Sunset: Time, 7.16; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	73	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Fair

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 296

Average hourly velocity, 12.3

Maximum velocity, 27 Direction, W Time. Began 1.26 PM

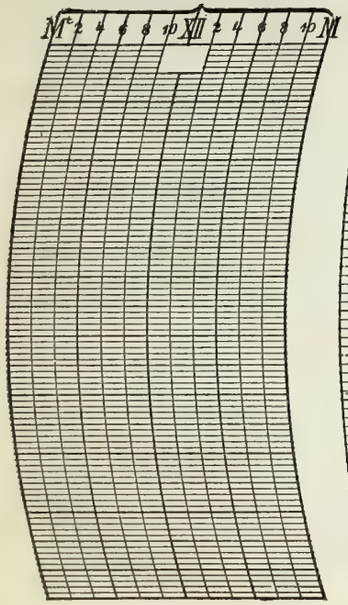
Extreme velocity, 27-W-1.26 PM.

Relative humidity, 69 a. m. 49 p. m.

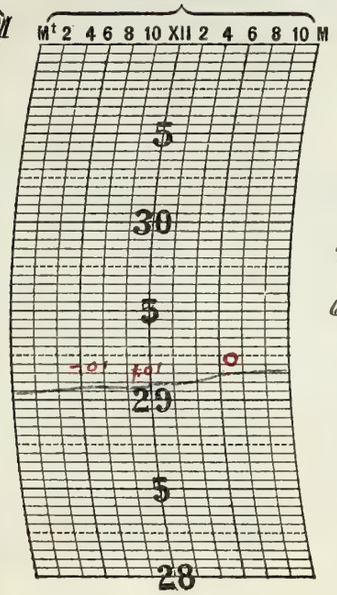
Reduced barometer, 29.95 a. m. 30.05 p. m.

River gage, 5.2 ft.

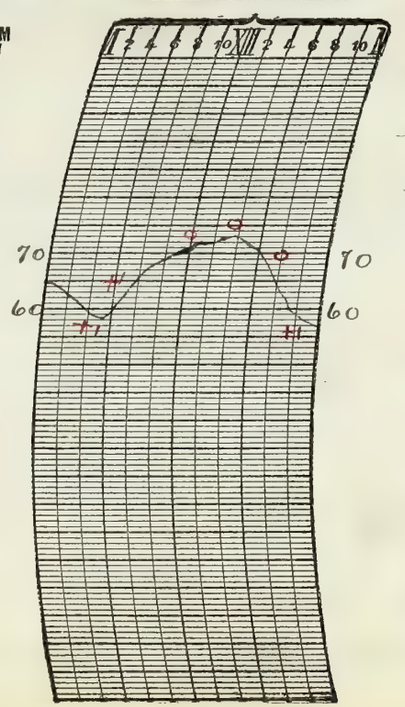
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Strong and somewhat gusty and shifty winds prevailed from 10 30 A.M. to Sunset.

Prepared by J.H.C.

Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 23 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	52	50	49	51	52	54	57	59	61	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	4.0	9			.85 0	.08 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	N	N	N	NW	N	N
Wind movement	8	7	12	6	5	7	9	9	9	10	10	8

Sunrise: Time, 4.09; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	67	66	66	66	60	56	54	53	52
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			× Pt Cldy				× Clear					
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.6	0.1	0	0.8 0.2	.28 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	9	9	8	9	7	6	7	6	4	5	3	5

Sunset: Time, 7.17; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
67	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 83

Prevailing direction N

Total movement, 178

Average hourly velocity, 7.4

Maximum velocity, 13 Direction, N Time. Began 2.22 AM

Extreme velocity, 13 - N - 2.22 AM

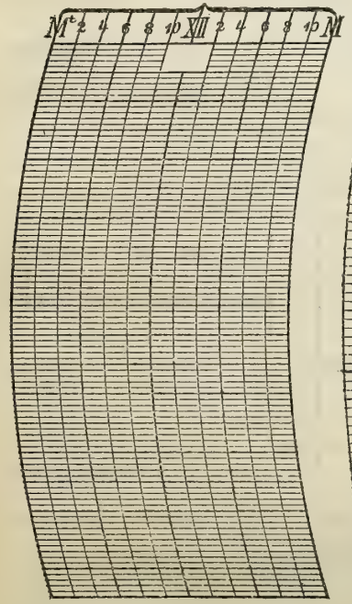
Relative humidity, 54 a. m. 52 p. m.

Reduced barometer, 30.22 a. m. 30.09 p. m.

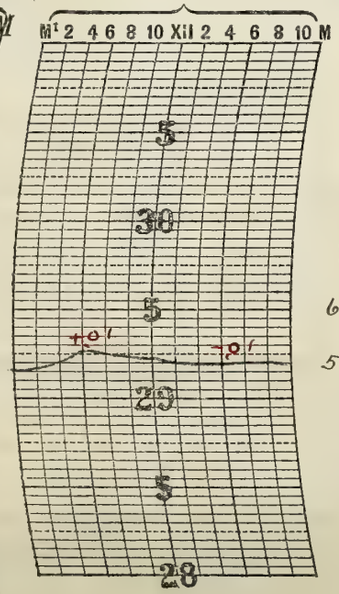
River gage, 5 aft

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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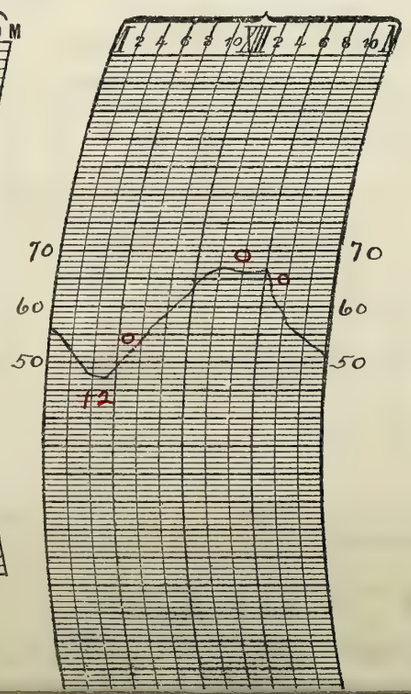


NOTES

Prepared by J.H.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 4 1915, 191

Time (local standard), 90 mer. ____ hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	50	48	48	52	56	60	65	67	68	69	67	68	68	68	69	68	68	66	64	63	61	62
State of weather: Nature of precipitation and time of beginning and ending													RS 12.55	RE 1.10										
Amounts of precipitation													T	T										
Cloudiness and other conditions					←	Pt Cldy				×	Cloudy			Cloudy				×	Pt Cldy		→			
Sunshine (in tenths of hours)					0	0.2	0.4	0.2	0.8	0.6	0	0	0	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	1	2	1	1	4	7	6	9	7	5	5	3	4	2	2	2	4	5	6	6	6	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.10; Character, Cloudy

Sunset: Time, 7.17; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	69	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 2.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 15

Prevailing direction SE, SW

Total movement, 105

Average hourly velocity, 4.4

Maximum velocity, 11 Direction, SW Began 8.15 AM

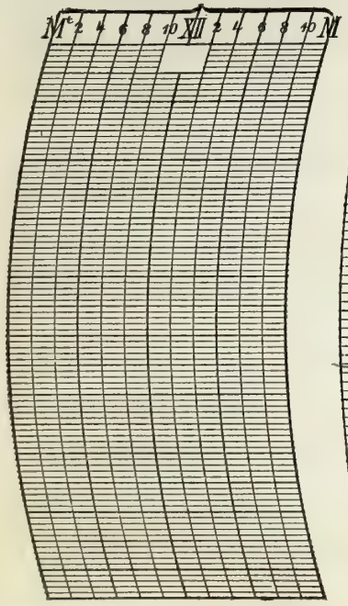
Extreme velocity, 11 - SW - 8.15 AM

Relative humidity, 66 a. m. 64 p. m.

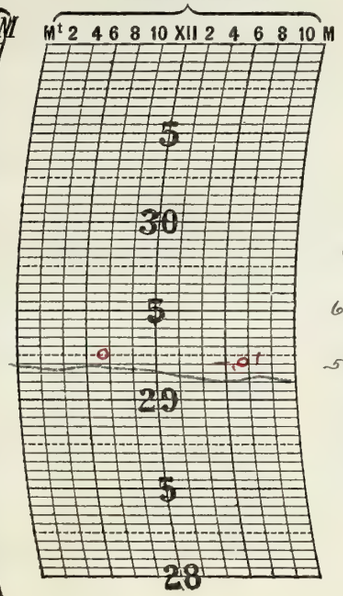
Reduced barometer, 30.11 a. m. 30.00 p. m.

River gage, 4.8 ft.

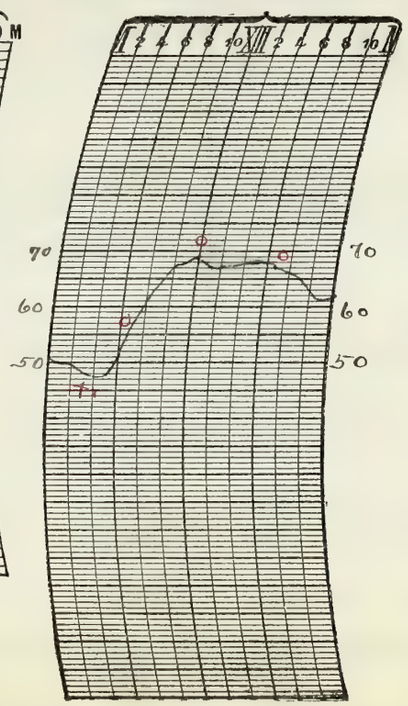
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by HFC.
Verified by O.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUNE 4 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

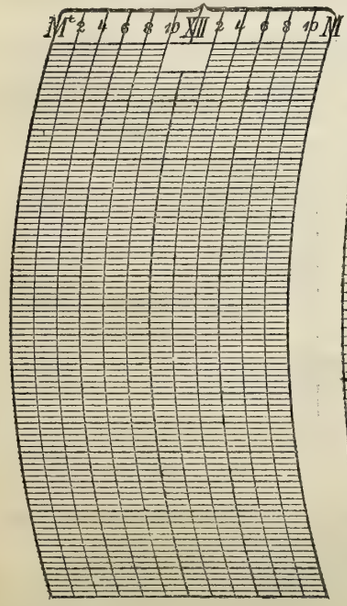
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	62	62	61	60	61	62	68	70	72	74	76	77	77	77	80 76	73	65	67	67	65	64	62	60
State of weather: Nature of precipitation and time of beginning and ending		RB DN	RB DN														RB 4.46	RB 5.55						
Amounts of precipitation		.02	.01														.03	.51						
Cloudiness and other conditions						←		Bl Cloudy						—	×	Cloudy			×	Pt Cldy			→	
Sunrise: Time, Character,	4.10 Cloudy																				Sunset: Time, Character,	7.17 Cloudy		
Sunshine (in tenths of hours)					0	0	0.3	0.6	0.9	0.3	0.8	0.5	0.9	0.3	0.4	0.9	0	0	0	0				
Wind direction	SE	W	W	W	W	W	N	N	N	NE	NE	NE	N	E	NW	W	SW	SW	SW	W	W	NE	NE	NE
Wind movement	5	8	4	1	2	1	4	1	5	4	3	4	3	3	5	5	11	8	3	3	4	5	5	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 4.46 P	5.55 P	.54	5.00 P	5.17 P	.04	.15	.31	.39	.43										

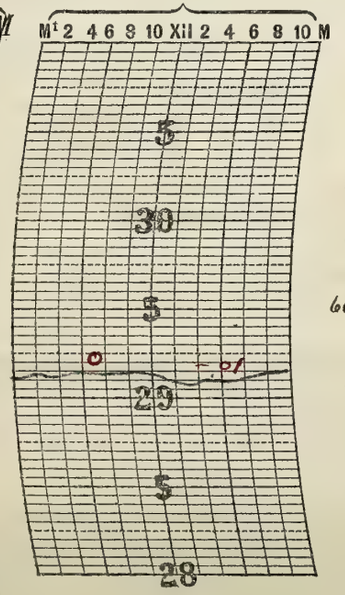
Maximum.	Minimum.	Mean.	Normal.
80	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .54 ins.
Total precipitation, midnight to midnight, .58 inches.
Character of day, Bl Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 5.9
Possible sunshine, hours, 15.1
Percentage of possible sunshine, .39
Prevailing direction W
Total movement, 104
Average hourly velocity, 4.3
Maximum velocity, 22 Direction, SW Time. Began 5.01 P.M.
Extreme velocity, 23 SW 5.01 P.M.
Relative humidity, 89 a. m. 92 p. m.
Reduced barometer, 30.05 a. m. 29.98 p. m.
River gage, 4.5 ft.

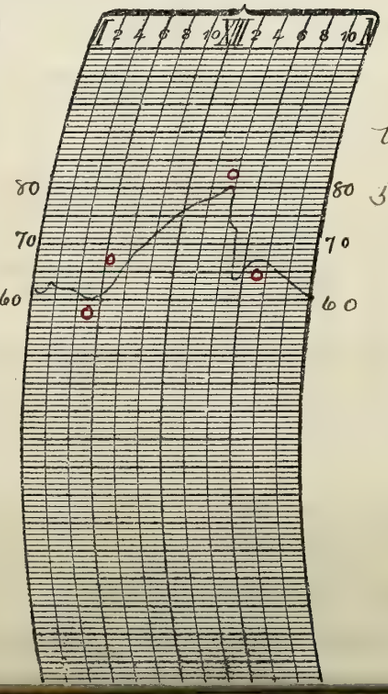
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A moderate thunderstorm, accompanied by a heavy fall of rain occurred from 4.45 P.M. to 5.55 P.M.

Prepared by J.H.C.
Verified by P.M.C.

Form No. 1017—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 26 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	59	58	57	56	56	57	61	65	68	70	73	75	76	77	78	78	76	75	70	67	65	63	61
State of weather: Nature of precipitation and time of beginning and ending			RB DN RE DN																					
Amounts of precipitation			T																					
Cloudiness and other conditions			Cloudy						Partly				Clear											
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	0.6	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.28				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	E	NE	NE	NE	E	E	E	E
Wind movement	6	5	7	4	7	7	6	4	8	7	7	8	5	6	6	6	6	7	6	6	6	8	7	6

Sunrise: Time, 4.10; Character, Cloudy

Sunset: Time, 7.17; Character, Clear

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	56	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy Moon phase, Full Moon 10 27 P.

Average daily cloudiness (0–10), 5.5

Actual sunshine, hours, 10.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 72.

Prevailing direction NE

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity, 10 Direction, E Time. Began 9.51 P.M.

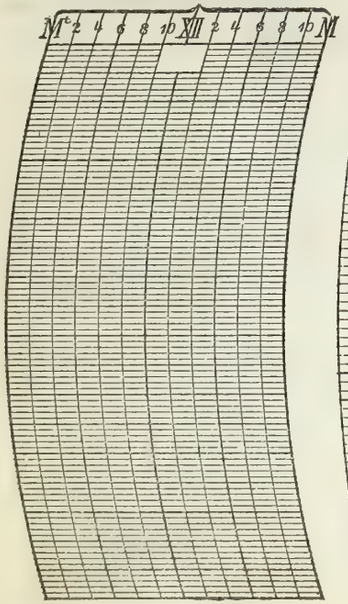
Extreme velocity, 10–E 9.51 P.M.

Relative humidity, 88 a. m., 51 p. m.

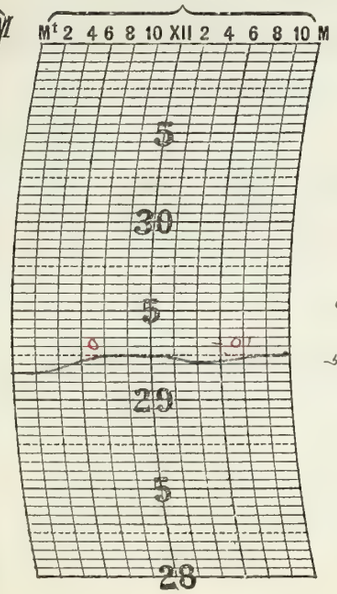
Reduced barometer, 30.14 a. m., 30.12 p. m.

River gage, 3.6 ft.

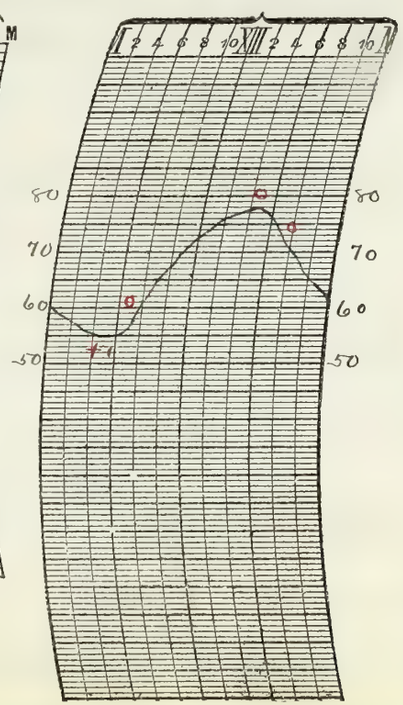
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Bright moonlight in the evening.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUNE 7 1903, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	57	56	55	59	62	67	71	74	76	76	77	77	78	79	78	77	76	69	66	62	61	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear					P. Cldy							Clear					
Sunshine (in tenths of hours)					.82 / 0	1.0 / 0	0.3 / 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 / 0.9	1.0 / 0	.28 / 0				
Wind direction	E	E	E	E	NE	E	E	SE	E	E	E	SE	E	E	E	E	E	E	E	E	NE	E	NE	E
Wind movement	6	8	5	4	6	5	8	6	8	9	8	8	7	8	8	8	8	7	5	7	9	10	9	7

Sunrise: Time, 4.11; Character, Clear

Sunset: Time, 7.17; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 174

Average hourly velocity, 7.2

Maximum velocity, 13 Direction, E Time. Began 9.29 AM

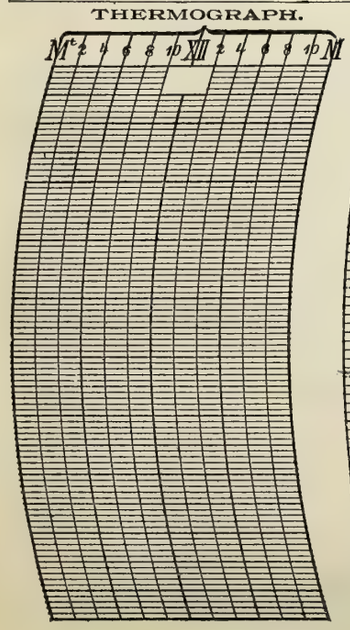
Extreme velocity, 13 – E – 9.29 AM

Relative humidity, 64 a. m. 45 p. m.

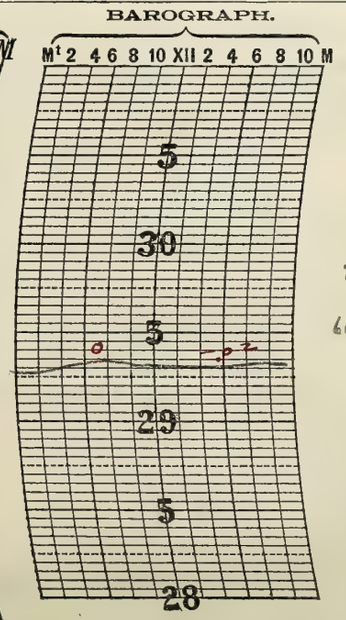
Reduced barometer, 30.25 a. m. 30.20 p. m.

River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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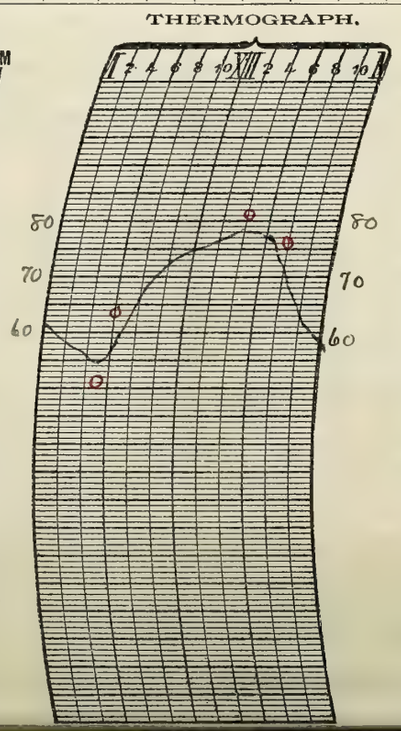


NOTES.

Bright moonlight in the evening.

Prepared by J.H.C.

Verified by P.J.M.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 1 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	55	54	57	61	63	68	73	77	78	80	81	82	83	83	82	81	79	72	68	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunrise: Time, Character,	4.11 Clear																				Sunset: Time, Character, 7.17 Clear			
Sunshine (in tenths of hours)					.82 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	1.0 0	.28 0				
Wind direction	NE	E	E	E	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	E	NE
Wind movement	9	8	7	6	5	7	6	8	9	8	9	10	11	9	8	9	8	8	7	9	9	9	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
83	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 192

Average hourly velocity, 8.0

Maximum velocity, 16 Direction, E Time. Began 12.41 PM

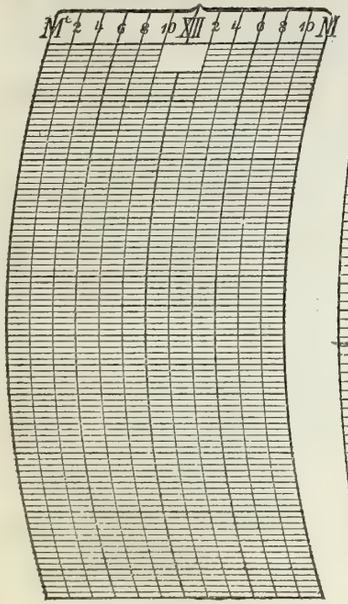
Extreme velocity, 17-E-12.41 PM

Relative humidity, 62 a. m., 45 p. m.

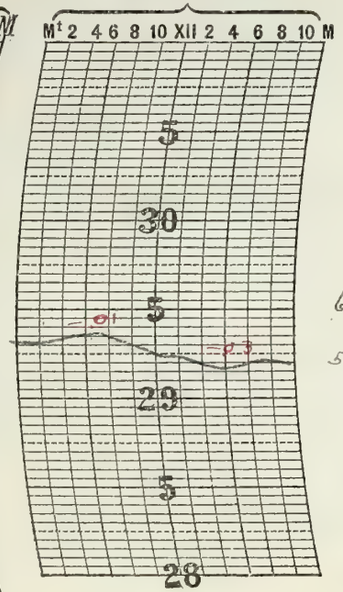
Reduced barometer, 30.25 a. m., 30.05 p. m.

River gage, 2.2 ft

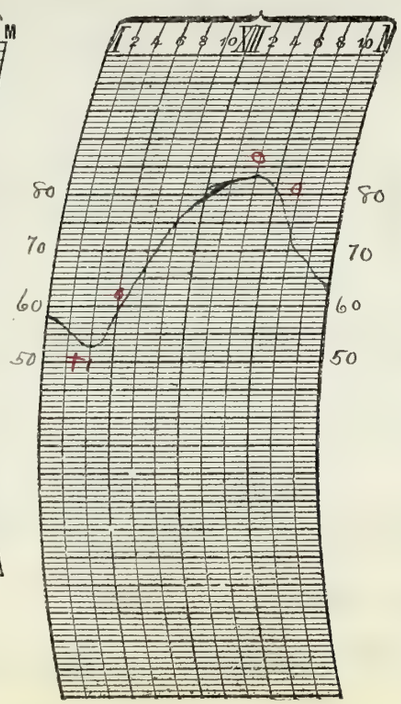
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.T.S.
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 2 3 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	62	61	61	62	64	69	71	72	73	75
State of weather: Nature of precipitation and time of beginning and ending											RB 10.10 RE 10.20	
Amounts of precipitation											T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character, 4.11 Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.1	0	0	0.3
Wind direction	NE	E	E	E	E	E	NE	NE	E	NE	NE	NE
Wind movement	6	6	4	4	5	4	4	4	4	4	6	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	77	79	68	69	68	67	66	66	65	65	63
State of weather: Nature of precipitation and time of beginning and ending				RB 3.20	RE 4.40	RB 5.40		RE 7.15				
Amounts of precipitation				.41	.10	.05	.02	T				
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character, 7.17 Cloudy												
Sunshine (in tenths of hours)	0	0.8	0.2	0	0	0	0	0				
Wind direction	E	N	NE	SE	SE	E	NE	NE	NE	E	NE	N
Wind movement	5	10	10	10	6	5	10	10	6	4	2	5
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .58 ins.

Total precipitation, midnight to midnight, .58 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 9

Prevailing direction NE

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity, 14 Direction, SE Time, Began 3.28 P.

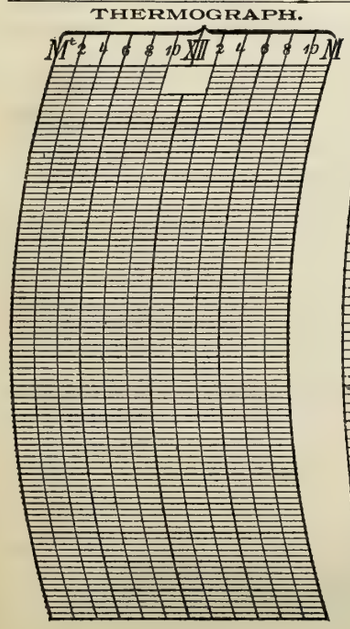
Extreme velocity, 14 - SE - 3.28 P.

Relative humidity, 82 a. m. 100 p. m.

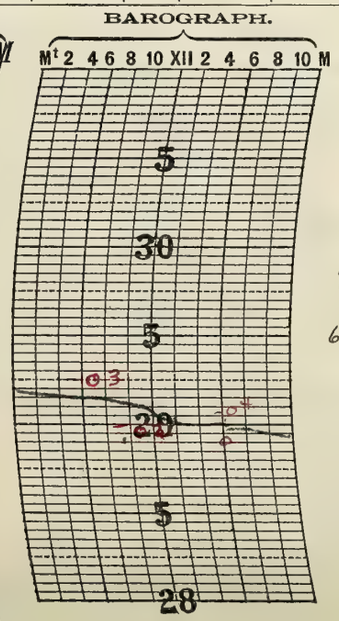
Reduced barometer, 30.02 a. m. 29.89 p. m.

River gage, 2.0 ft

THERMOGRAPH.



BAROGRAPH.



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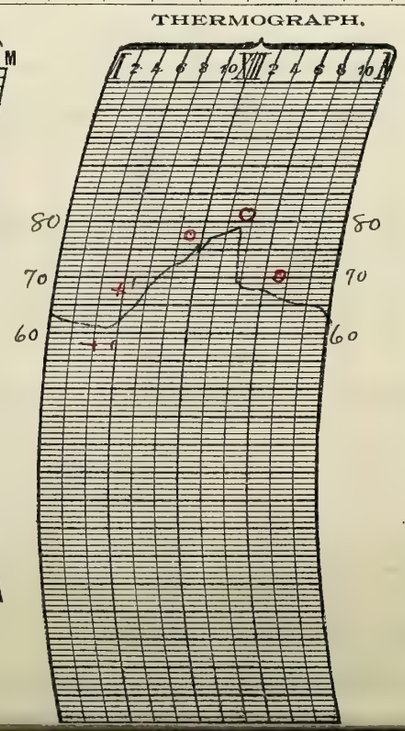


NOTES.

Prepared by J.F.T.C.
Verified by P.M.G.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 30 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	63	62	62	62	65	68	72	74	76	78	80	82	83	83	81	72	72	70	69	67	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt cldy				× Clear				× T.S.		× Cloudy									→
Sunshine (in tenths of hours)					0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	N	NW	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	5	5	4	3	3	5	5	5	6	5	6	3	5	4	6	8	10	13	5	4	4	5	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.12; Character, Cloudy

Sunset: Time, 7.17; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
83	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4.

Actual sunshine, hours, 8.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 56

Prevailing direction N

Total movement, 125

Average hourly velocity, 5.2

Maximum velocity, 22 Direction, W Time. Began 4.50 P.M.

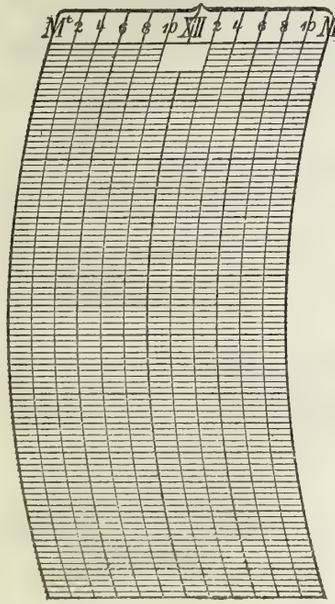
Extreme velocity, 24-W-4.50 P.M.

Relative humidity, 89 a. m. 68 p. m.

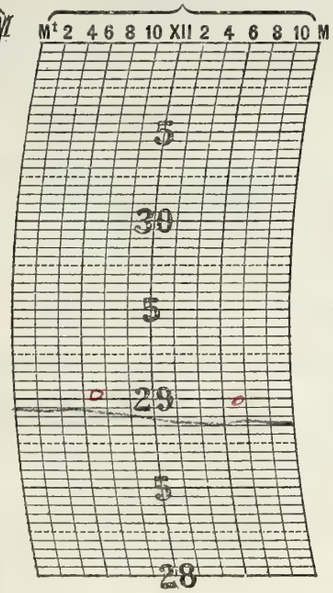
Reduced barometer, 29.83 a. m. 29.76 p. m.

River gage, 2.0 ft.

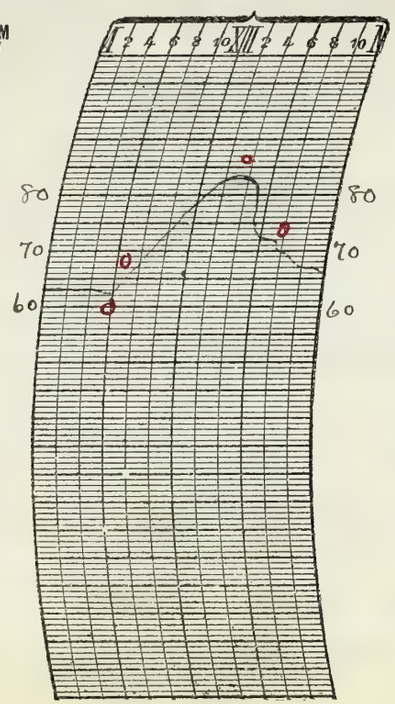
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.F.C.
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 1 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	63	60	63	68	73	76	79	80	73
Nature of precipitation and time of beginning and ending												RB 11.10
Amounts of precipitation												T
Cloudiness and other conditions						Clear		Pc.			Cloudy	
Sunrise: Time, Character,	4.12 Cloudy											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	0.8	0
Wind direction	SW	W	W	0	W	W	SW	S	S	S	S	SE
Wind movement	2	2	2	0	2	1	4	3	5	7	6	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	71	69	66	65	64	64	64	64	64	63	62
Nature of precipitation and time of beginning and ending	RE 12.40		RB 2.45	RE 3.30	RB 4.50			RE 7.10				RB DN
Amounts of precipitation	T		T	T	T	.03	T	T				.01
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									7.17 Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0	0	0	0	0				
Wind direction	SE	SE	S	SW	W	W	NW	NW	NE	NE	W	W
Wind movement	8	6	7	10	9	5	5	5	3	3	4	6

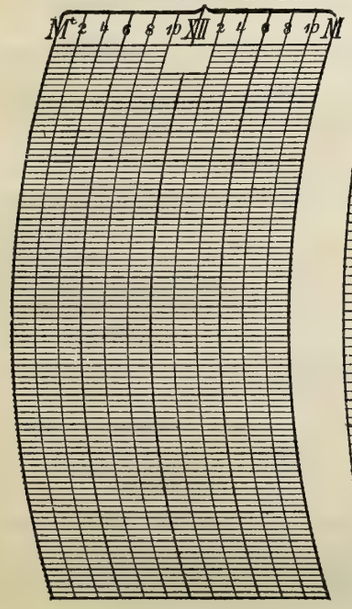
Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

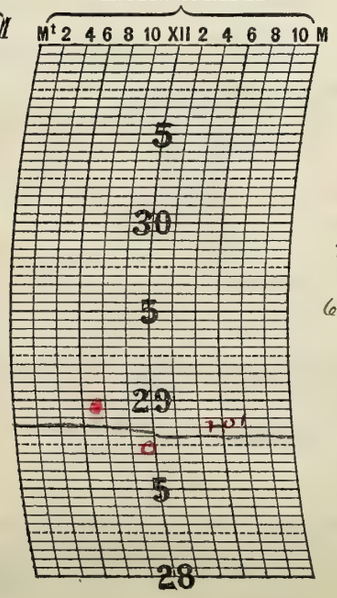
	Maximum.	Minimum.	Mean.	Normal.
	80	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 4.5
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 30
Prevailing direction W
Total movement, 113
Average hourly velocity, 4.7
Maximum velocity, 12 Direction, W Time. Began 3.59 P.
Extreme velocity, 12-W-3.59 P.
Relative humidity, 77 a. m. 89 p. m.
Reduced barometer, 29.76 a. m. 29.71 p. m.
River gage, 2.4 ft.

THERMOGRAPH.



BAROGRAPH.



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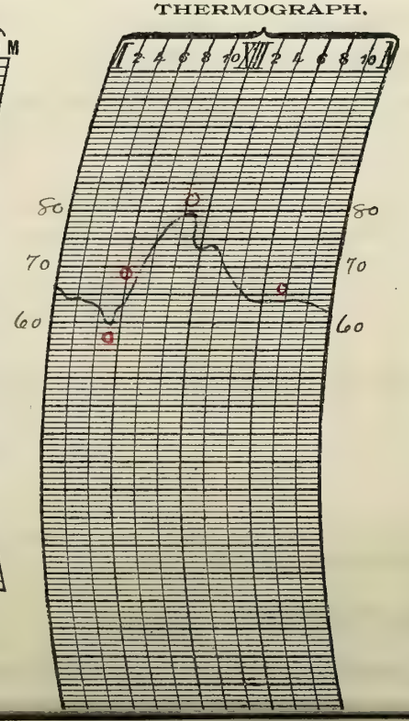


NOTES.

Prepared by H.T.C.
Verified by T.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 2 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	61	60	61	66	68	70	72	74	76	79	80	82 79	74	70	71	69	67	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending						RE DN										RB 3.50	RE 5.00							
Amounts of precipitation	.02	.03	T	T	T	.01										T	T							
Cloudiness and other conditions	Cloudy ×						Clear ×			Pt Cloudy			×			Cloudy								
Sunrise: Time, 4.13 Character, Cloudy																					Sunset: Time, 7.17 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.9	1.0	0.7	0.9	1.0	1.0	1.0	0.8	0.4	0	0	0	0	0				
Wind direction	W	W	NW	NW	W	W	NW	NW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	W	W	W	W
Wind movement	6	5	5	5	5	2	2	2	7	12	11	11	12	12	13	10	9	8	8	4	6	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

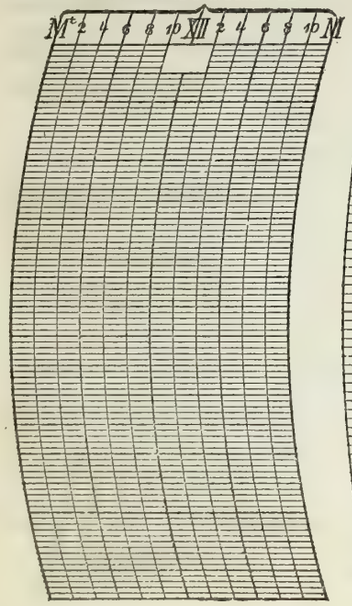
	Maximum.	Minimum.	Mean.	Normal.
Temperature	82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7.7
Actual sunshine, hours, 7.7
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 51
Prevailing direction W
Total movement, 174
Average hourly velocity, 7.2

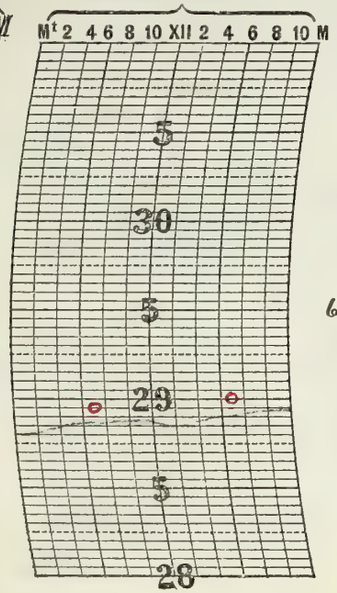
Maximum velocity,	Direction,	Time.
17	SW	Began 2.13 PM

Extreme velocity, 17-SW-2.13 PM.
Relative humidity, 80 a. m., 77 p. m.
Reduced barometer, 29.77 a. m., 29.83 p. m.
River gage, 2.7 ft.

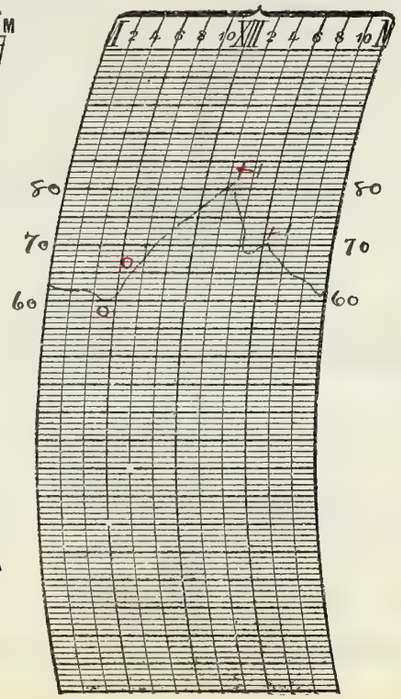
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HGC.
Verified by PMD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 3 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	59	58	58	61	61	60	63	66	69
				RB DN		RE 6.00			RB 8.30	RE 9.20		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				T	.02	.01			T	T		
Cloudiness and other conditions				←		Cloudy				× Pt Cldy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.8	1.0
Wind direction	W	W	NW	NW	W	W	W	W	SW	S	S	S
Wind movement	5	6	8	4	3	3	3	3	5	6	6	7

Sunrise: Time, 4.13 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	71	74	74	73	72	71	67	65	62	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Clear								
Sunshine (in tenths of hours)	0.7	0.7	0.8	0.8	0.7	0.1 0.9	1.0 0	.28 0				
Wind direction	SW	S	SW	W	W	W	W	W	W	W	SE	S
Wind movement	7	9	9	8	8	9	6	6	3	3	5	5

Sunset: Time, 7.17 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5.7

Actual sunshine, hours, 7.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 52

Prevailing direction W

Total movement, 137

Average hourly velocity, 5.7

Maximum velocity, 12 Direction, SW Time. Began 2.40 P.M.

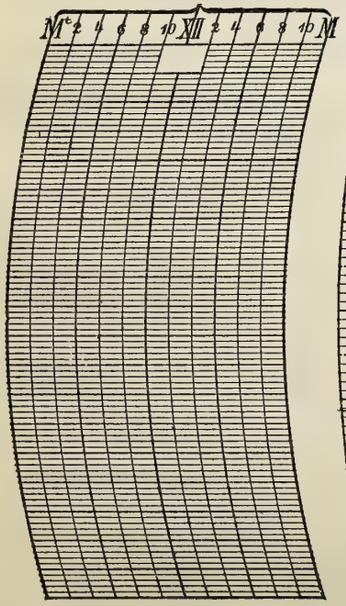
Extreme velocity, 12 - SW - 2.40 P.M.

Relative humidity, 92 a. m. 36 p. m.

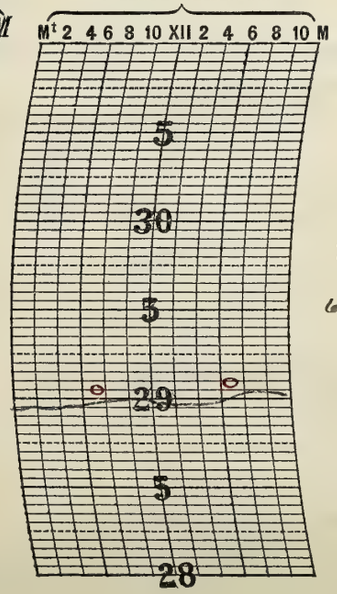
Reduced barometer, 29.89 a. m. 29.93 p. m.

River gage, 3.0 ft.

THERMOGRAPH.



BAROGRAPH.



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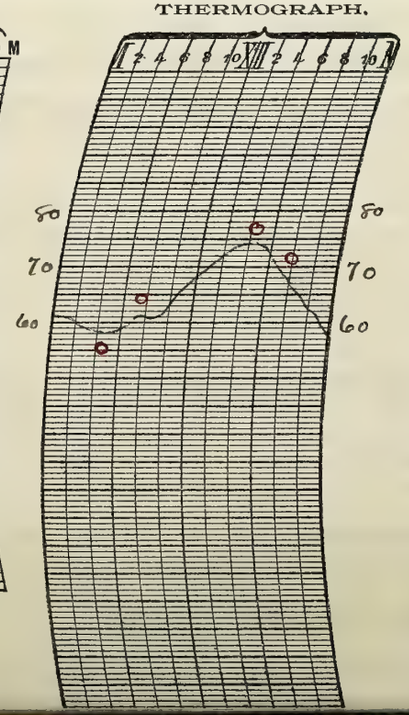


NOTES.

Prepared by J.H.S.

Verified by P.McE.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 4 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	57	57	58	63	66	68	72	74	75
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SE	SE	S	S
Wind movement	6	8	9	8	7	6	8	9	9	14	17	17

Sunrise: Time, 4.14; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	76	60	62	62	60	58	57	56	55	54	55
Nature of precipitation and time of beginning and ending			RB 2.10			RE 5.40						
Amounts of precipitation			.19	.08	.15	.03						
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.7	0	0	0	0	0	0	0				
Wind direction	S	S	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	20	21	18	15	14	17	12	9	9	10	13	14

Sunset: Time, 7.16; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time: 38 SW 2.21

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

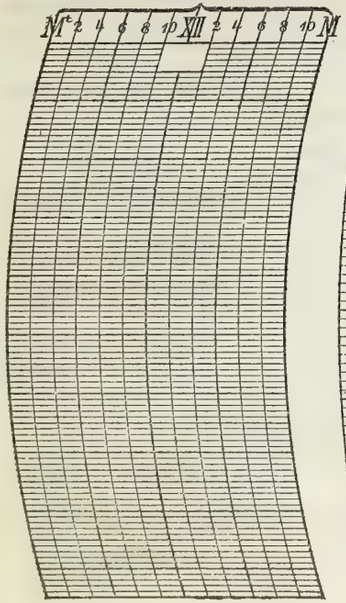
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	76	54	65	

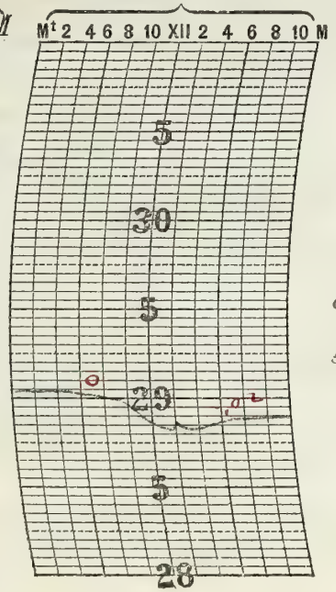
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .45 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy. Moon phase, Last Quarter 1.54 P.
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 6.2
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 41
Prevailing direction S.
Total movement, 290
Average hourly velocity, 12.1

Maximum velocity, 38; Direction, SW; Time, Began 2.21 P.M.
Extreme velocity, 44 SW - 2.23 P.M.
Relative humidity, 70 a. m., 83 p. m.
Reduced barometer, 29.92 a. m., 29.75 p. m.
River gage, 2.7 ft

THERMOGRAPH.



BAROGRAPH.



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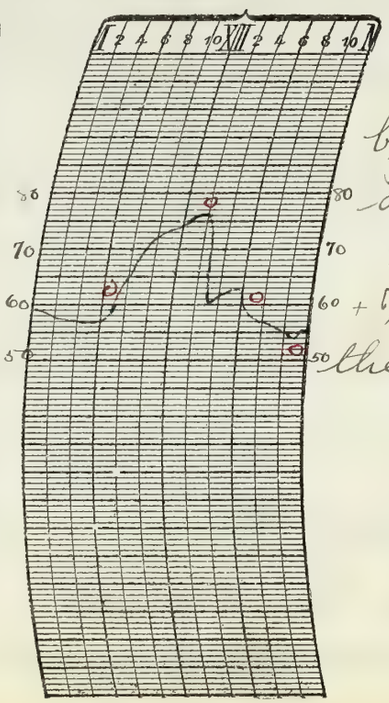


NOTES.

A moderate thunderstorm accompanied by a sudden gust of high wind occurred at 2.21 P.M.
The damage in the city was slight.
The sun shone through ci. St. clouds during the forenoon.

Prepared by HPC.
Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 5 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	52	53	56	58	61	63	64	66	66	66	67	67	69	67	66	63	62	59	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←		Clear							×	Pt Cloudy				×		Clear				→
Sunshine (in tenths of hours)					.75 0	1.0 0	0.1 0.9	1.0	1.0	1.0	0.8	0.9	0.6	0.3	0.6	0.2	0.7	0.5 0.2	1.0 0	.27 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	15	15	15	14	12	14	16	16	17	20	21	22	23	21	20	18	13	11	6	4	3	3	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.15 Character, Clear

Sunset: Time, 7.16 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 11.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 79

Prevailing direction SW

Total movement, 325

Average hourly velocity, 13.5

Maximum velocity, 29 Direction, W Time. Began 12.42 P.M.

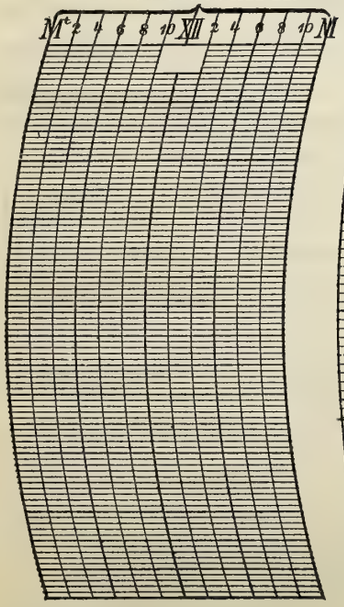
Extreme velocity, 30 - W - 12.42 P.M.

Relative humidity, 78 a. m., 58 p. m.

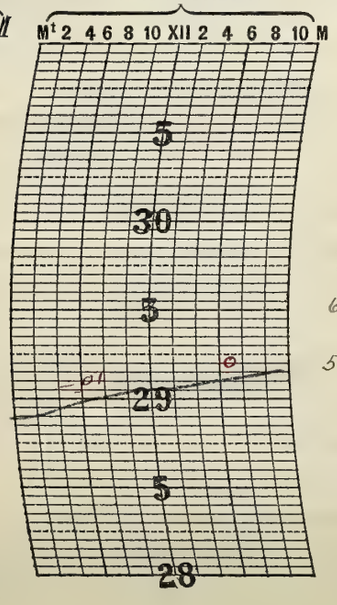
Reduced barometer, 29.92 a. m., 30.02 p. m.

River gage, 2.8 ft

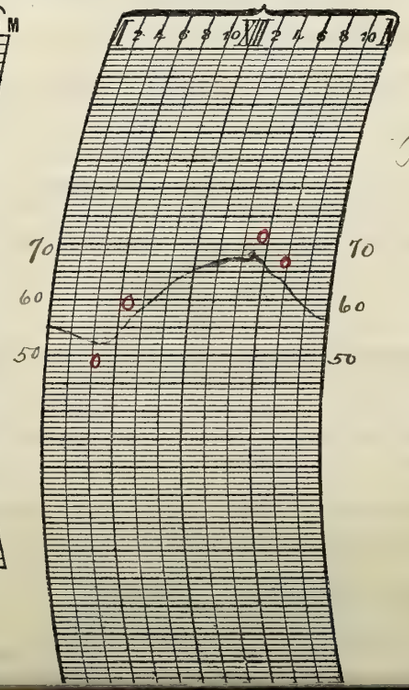
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Strong and somewhat gusty winds prevailed during the day.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	55	53	52	54	59	65	69	71	72	73	74	75	76	77 76	76	74	73	71	69	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear											Clear									
Sunrise: Time, Character,	4.15 Clear																							
Sunset: Time, Character,																					7.16 Cloudy			
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.4	0	0				
Wind direction	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	3	4	3	4	4	5	5	6	9	11	12	12	13	13	11	10	11	10	7	5	4	3	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity, 16 Direction, SW Time, Began 12.28 P.

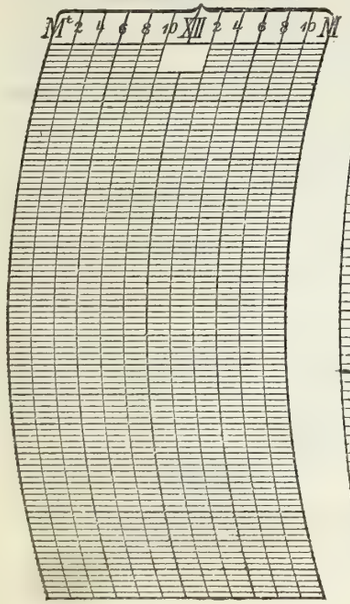
Extreme velocity, 16 - SW - 12.28 P

Relative humidity, 75 a. m., 47 p. m.

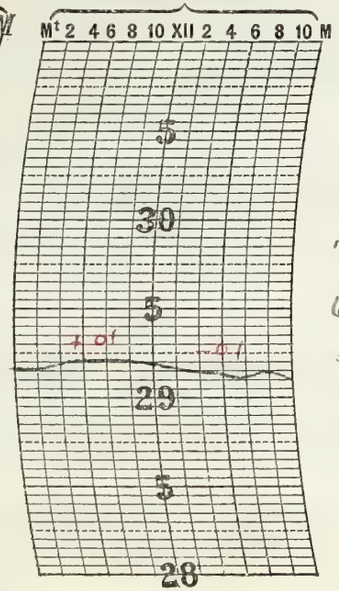
Reduced barometer, 30.13 a. m., 30.02 p. m.

River gage, 2.8 ft.

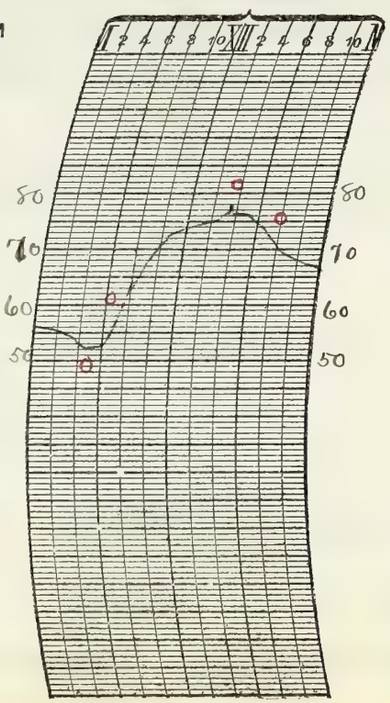
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J.H.R.

Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 7 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	62	61	60	62	64	64	64	63	63	64	66	71	75	75	74	72	70	65	65	65	65	64
				RB DN								RE 1.05						RB .25						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.01	.01	T	.01	T	T	.05	.04	.01						T	.03	.13	.17	.02	.19	.03
Cloudiness and other conditions			←				Cloudy								Cloudy									
Sunrise: Time, Character,	4.16 Cloudy																				Sunset: Time, Character, 7.16 Cloudy			
Sunshine (in tenths of hours)	1				0	0	0	0	0	0	0	0	0	0.2	0.8	0.1	0	0	0	0				
Wind direction	S	SW	SW	SW	E	N	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	SE	S	E
Wind movement	8	8	9	6	9	4	6	6	7	6	4	5	10	12	15	17	10	10	14	17	15	10	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to p. m., ins.

Total precipitation, midnight to midnight, .70 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10)

Actual sunshine, hours, 1.1

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 7

Prevailing direction SE.

Total movement, 214

Average hourly velocity, 8.9

Maximum velocity, 20 Direction, S Began 2.40 PM.

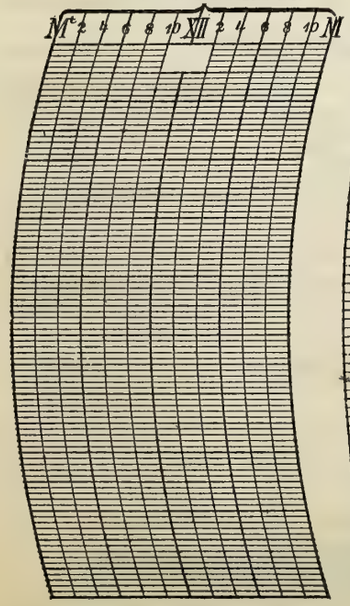
Extreme velocity, 20 – S – 2.40 PM.

Relative humidity, 100 a. m. 88 p. m.

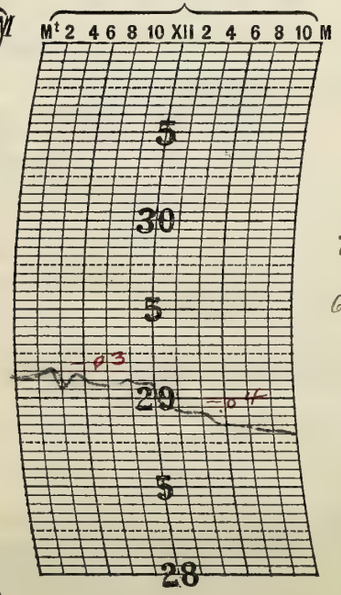
Reduced barometer, 29.94 a. m. 29.71 p. m.

River gage, 2.6 ft.

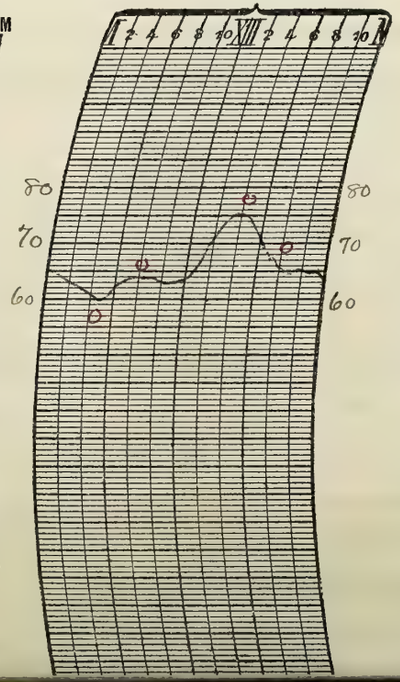
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunder was heard from 7.45 P. to 9.00 P.M.

Prepared by H.T.C.

Verified by P.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 8 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	61	60	61	61	61 RE 7.05	64	65	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	T	T	.01	T	T	T	T				
Cloudiness and other conditions							Cloudy				×	
Sunrise: Time, Character,	4.16 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	0.7
Wind direction	E	N	NW	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	4	4	5	9	11	12	15	14	16	15	17	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	73	74	74	74	72	69	67	65	61	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy			×			Clear			→		
Sunset: Time, Character,									7.15 Clear			
Sunshine (in tenths of hours)	0.5	0.7	0.9	0.8	1.0	0.3 0.7	1.0 0	.25 0				
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	12	13	13	13	10	7	4	2	3	2	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	60	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .59 ins.; to 7 p. m., .71 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 7.6

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 51

Prevailing direction NE.

Total movement, 234

Average hourly velocity, 9.8

Maximum velocity, 21 Direction, NE Time. Began 10.19 A.M.

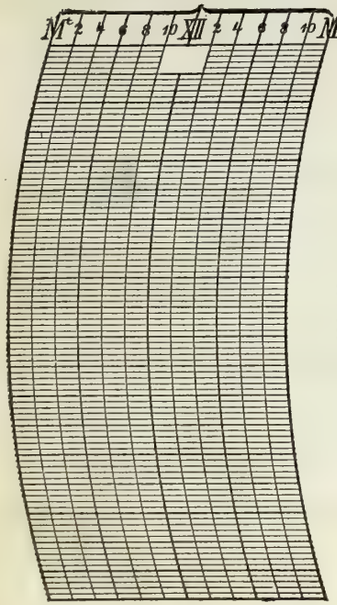
Extreme velocity, 21 - NE - 10.19 A.M.

Relative humidity, 100 a. m. 56 p. m.

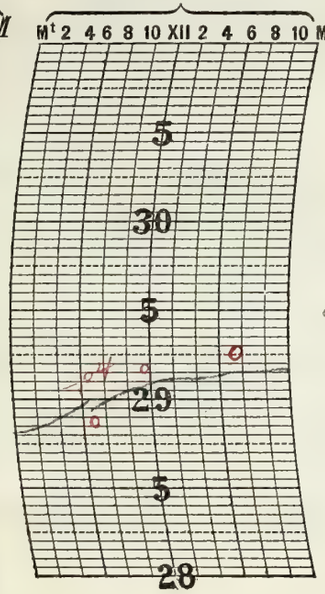
Reduced barometer, 29.83 a. m. 30.06 p. m.

River gage, 3.0 ft.

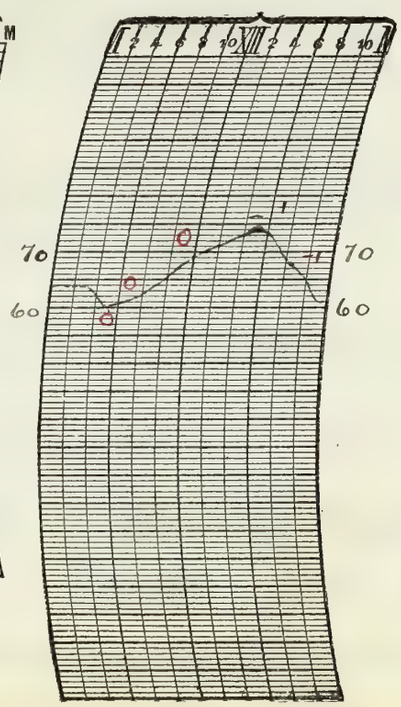
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Thunder began and ended D. N. A.

Prepared by H.P.C.

Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 9 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	58	56	57	65	69	72	74	75	75	76	77	78 77	77	77	76	73	72	70	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←		Clear					* Pt Cloudy				* Cloudy								→	
Sunshine (in tenths of hours)	Sunrise: Time, 4.17 Character, Clear				0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0	0.2	0	0	Sunset: Time, 7.15 Character, Cloudy			
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	2	3	4	4	4	3	5	5	5	6	5	6	7	8	7	6	8	5	5	7	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	56	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 10.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 71

Prevailing direction E.

Total movement, 129

Average hourly velocity, 5.4

Maximum velocity, 9 Direction, E Time. Began 3.31 P.M.

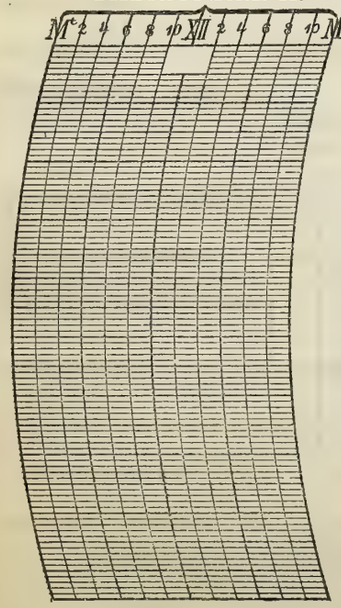
Extreme velocity, 9 - E - 3.31 P.M.

Relative humidity, 80 a. m., 54 p. m.

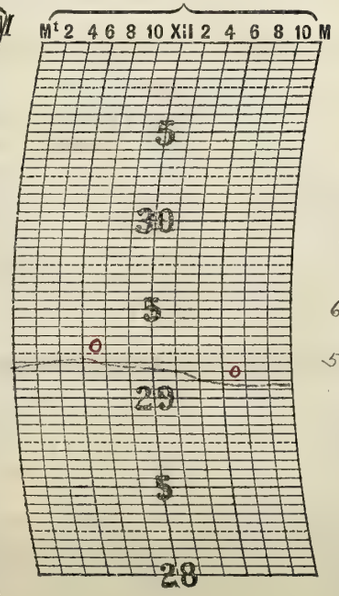
Reduced barometer, 30.10 a. m., 29.99 p. m.

River gage, 3.3 ft.

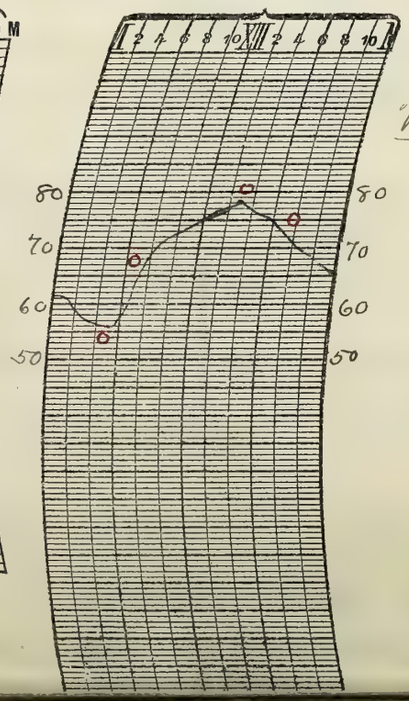
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A solar halo was observed from 12.00 M. Noon to 3.00 P.M. It was a 22° circle

Prepared by J.H.T.C.

Verified by P.M.C.

Form No. 1012—Mod. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	61	60	60	63	66	71	76	79	81	82	82	83	82	79	79	77	76	75	74	70	67
State of weather: Nature of precipitation and time of beginning and ending																								RB 11.15
Amounts of precipitation																								T
Cloudiness and other conditions	← Pt Cloudy × Clear × P.C. × Cloudy																							
Sunrise: Time, Character,	4.18 Cloudy																				Sunset: Time, Character,		7.15 Cloudy	
Sunshine (in tenths of hours)				0	0	0	0	0.5	0.9	1.0	1.0	1.0	0.9	0.9	0.4	0.5	0.1	0	0	0				
Wind direction	E	E	E	E	E	NE	E	E	SE	SE	SE	SE	SE	SE	S	S	S	S	SE	SE	ESE		S	SW
Wind movement	6	4	3	4	6	6	6	5	4	5	6	7	8	8	8	9	9	6	3	5	3	4	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

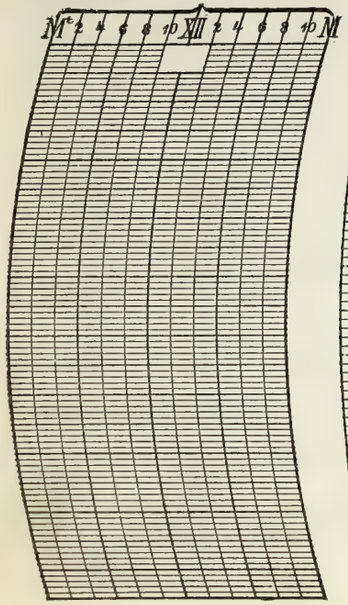
	Maximum.	Minimum.	Mean.	Normal.
Temperature	83	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, 6
Average daily cloudiness (0–10)
Actual sunshine, hours, 7.2
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 48
Prevailing direction SE
Total movement, 141
Average hourly velocity, 5.9

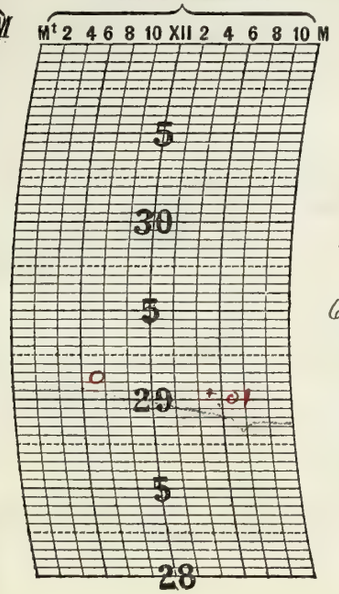
Maximum velocity,	Direction,	Time.
13	SW	Began 4.25 PM

Extreme velocity, 13 SW - 4.25 P.M.
Relative humidity, 72 a. m. 66 p. m.
Reduced barometer, 29.94 a. m. 29.80 p. m.
River gage, 3.6 ft.

THERMOGRAPH.



BAROGRAPH.



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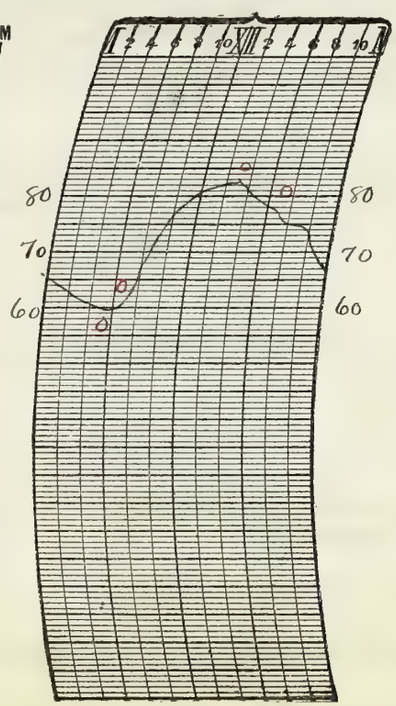


NOTES

Prepared by HTC.
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 11 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	65	64	65	68	69	71	74	78	77
						RE 5.15						
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.09	.09	.06	.15	.01	T						
Cloudiness and other conditions	Cloudy									PCloudy		
Sunrise: Time, 4.18 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.5	0.5	1.0	1.0	0.6
Wind direction	SW	SW	SW	S	SE	NW	NW	NW	W	SW	SW	SW
Wind movement	5	5	6	7	7	8	5	7	9	9	11	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	80	81	81	80	79	76	75	74	72	70
								RB 7.05 RE 7.50				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								.12				
Cloudiness and other conditions							Cloudy					
Sunset: Time, 7.14 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.9	0.6	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW
Wind movement	17	14	12	12	11	7	4	4	3	5	6	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches. ✓

Precipitation to 7 a. m., .40 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .52 inches. ✓

Character of day, PCloudy Moon phase,

Average daily cloudiness (0-10) 6 ✓

Actual sunshine, hours, 8.0 ✓

Possible sunshine, hours, 14.9 ✓

Percentage of possible sunshine, 54 ✓

Prevailing direction SW ✓

Total movement, 196 ✓

Average hourly velocity, 8.2 ✓

Maximum velocity, 20 Direction, SW Time. Began 11.50 AM. ✓

Extreme velocity, 20 - SW - 11.50 AM. ✓

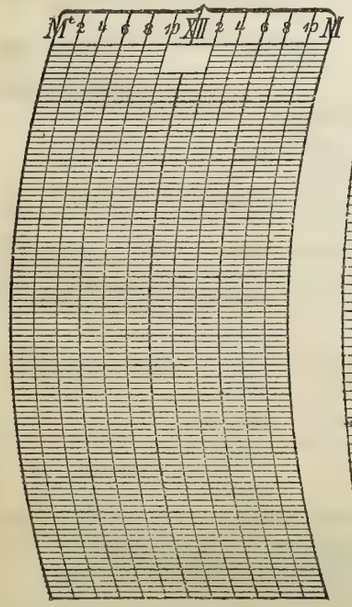
Relative humidity, 91 a. m. ✓ 71 p. m. ✓

Reduced barometer 29.75 a. m. ✓ 29.79 p. m.

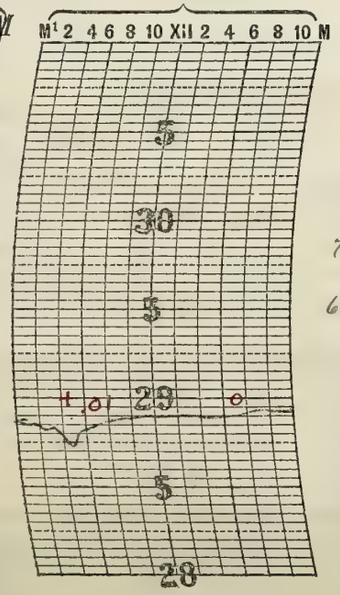
River gage, 6.6 ft. /

NOTES.

THERMOGRAPH.



BAROGRAPH.



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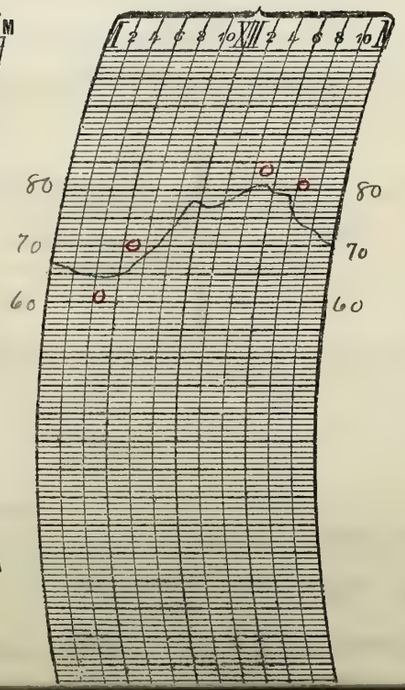


Prepared by HGC
Verified by PMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 12 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	66	66	69	71	74	78	80	82	82	82	83	82	81	80	77	75	74	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←				Cloudy							Cloudy								→	
Sunshine (in tenths of hours)					0	0	0	0	0.8	1.0	1.0	1.0	0.8	1.0	0.8	0.4	0.3	0	0	0				
Wind direction	SW	SW	W	W	SW	W	W	NW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	NW
Wind movement	8	8	7	6	7	5	6	6	5	6	4	4	6	7	9	12	11	10	7	7	5	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.19; Character, Cloudy

Sunset: Time, 7.14; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
83	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase, New Moon. 5.31 A.M.

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.1

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 48

Prevailing direction, W

Total movement, 161

Average hourly velocity, 6.7

Maximum velocity, 14; Direction, SW; Time, Began 4.00 P.M.

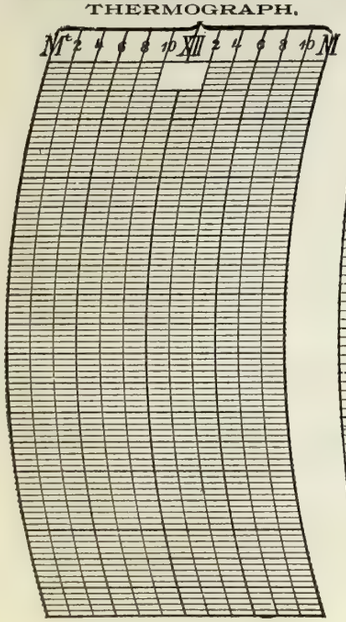
Extreme velocity, 14 - SW - 4.00 P.M.

Relative humidity, 88 a. m., 71 p. m.

Reduced barometer, 29.89 a. m., 29.90 p. m.

River gage, 9.1 ft.

THERMOGRAPH.



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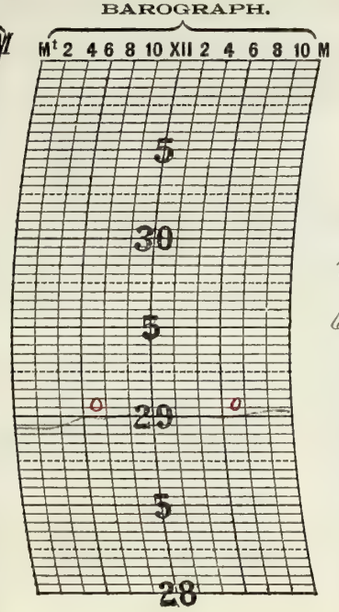

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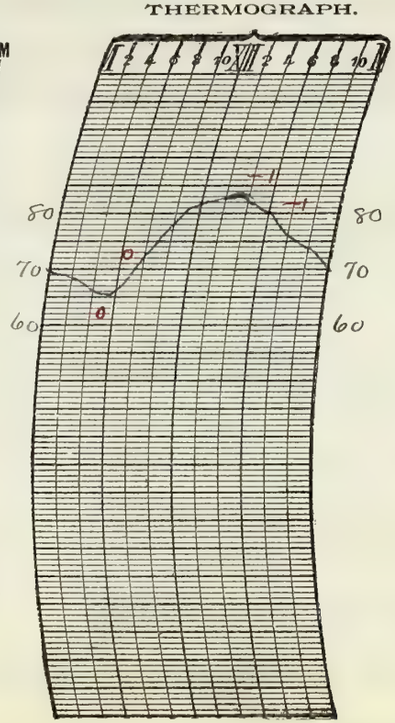


NOTES

Prepared by H.P.C.
Verified by J.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 13 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	68	66	65	66	72	77	81	83	84	85	86	87	88	88	87	85	83	79	77	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Clear								× Pt Cldy			× Cloudy					→	
Sunrise: Time, 4.20; Character, Clear																					Sunset: Time, 7.13; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0				
Wind direction	W	W	W	W	W	SW	SW	W	W	W	W	W	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	4	4	3	4	2	4	4	5	6	8	10	10	11	11	12	11	9	6	4	3	3	4	4	5
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 13.2

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 89

Prevailing direction W

Total movement, 147

Average hourly velocity, 6.1

Maximum velocity, 16 Direction, W Time. Began 2.06 P.

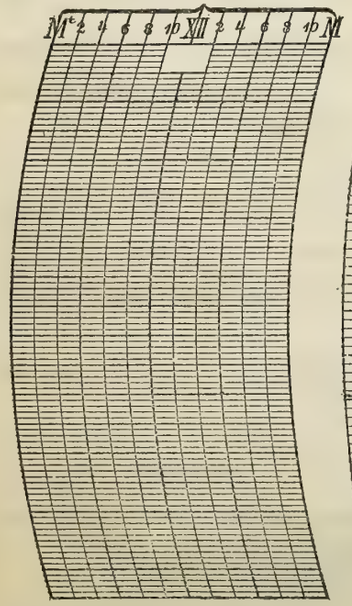
Extreme velocity, 17 - W - 2.06 P.

Relative humidity, 81 a. m. 47 p. m.

Reduced barometer, 29.96 a. m. 29.93 p. m.

River gage, 8.2 ft.

THERMOGRAPH.



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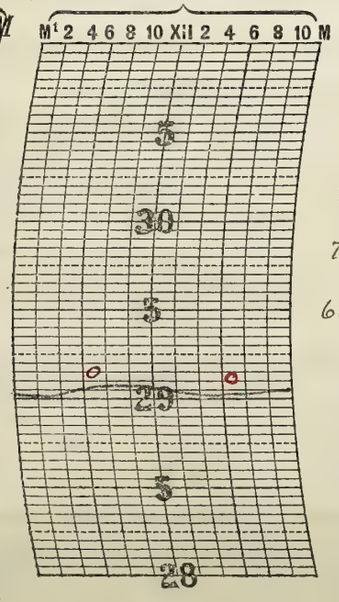

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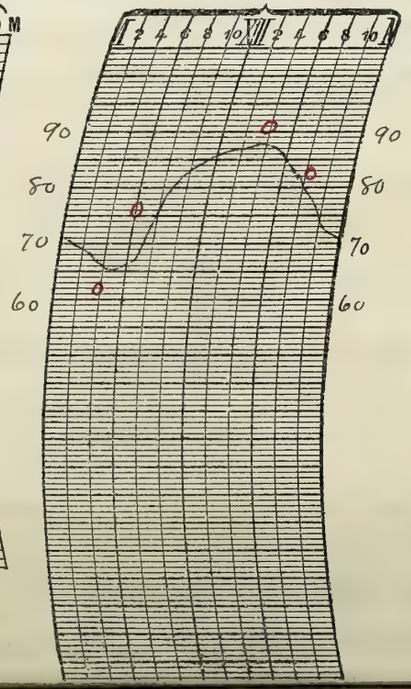


NOTES.

Prepared by HTC.
Verified by JMcD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 14 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	65	64	67	70	74	77	79	80	81
Nature of precipitation and time of beginning and ending											RB 10.00	RE 11.10
Amounts of precipitation											T	T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4.21 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	N	N	N	NE	NE	NE	SE	S	S	S	S	SW
Wind movement	3	3	3	4	2	2	3	4	4	5	3	1
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	84	86	85	82	80	72	67	68	70	70
Nature of precipitation and time of beginning and ending								RB 7.05				
Amounts of precipitation								.10	.65	.12	.05	T
Cloudiness and other conditions			PC					Cloudy				
Sunset: Time, Character,									7.23 Cloudy			
Sunshine (in tenths of hours)	0	0.3	1.0	1.0	0.4	0	0	0				
Wind direction	SW	NE	E	E	S	S	S	S	SE	S	SE	S
Wind movement	3	6	6	7	7	7	4	8	9	6	8	4
Maximum velocities (exceeding 29 miles) direction and time									30 SW 7.58			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 7.05 P	7.10 AM 11.51	1.00	7.58 P	8.23 P	.09	.06	.14	.36	.55	.60									

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	64	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .92 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 18

Prevailing direction S.

Total movement, 112

Average hourly velocity, 47

Maximum velocity, 30 Direction, SW Time. Began 7.58 P.M.

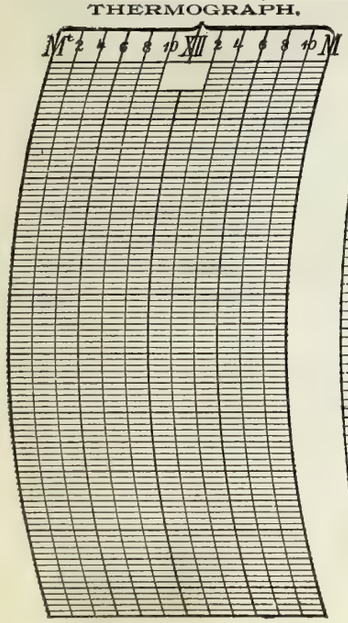
Extreme velocity, 30 - SW - 7.58 P.M.

Relative humidity, 77 a. m., 75 p. m.

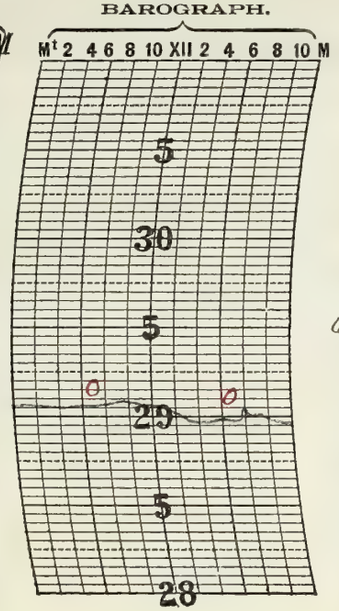
Reduced barometer, 29.94 a. m., 29.88 p. m.

River gage, 7.4 ft.

THERMOGRAPH.



BAROGRAPH.



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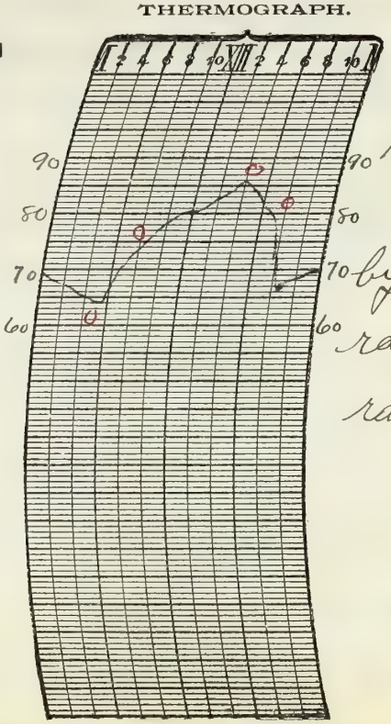


NOTES

Rain fell at intervals from 10.20 A to 11.10 AM.

A moderate thunderstorm accompanied by a gust of strong wind and heavy rainfall occurred in the evening the rain continued till after midnight.

Prepared by H.T.C.
Verified by P.M.S.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 1 0 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	68	68	70	72	72	74	78	80	83
State of weather: Nature of precipitation and time of beginning and ending								RE 7.10				
Amounts of precipitation	.01	.01	T	T	T	T	.06	T				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.21 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.5	0.2	0.8
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	6	8	7	5	4	9	10	10	8	7	7	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	80	79	83	85	83	74	74	73	72	72	72
State of weather: Nature of precipitation and time of beginning and ending	RB 12.30 RE 12.50						RB 6.00		RE 9.00			
Amounts of precipitation	T						.13	.02	.01			
Cloudiness and other conditions			P.Cldy				Cloudy					
Sunset: Time, 7.12 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.2	0.6	1.0	1.0	0.2	0	0				
Wind direction	SW	S	S	SW	SW	S	W	SW	SW	SW	SW	SW
Wind movement	7	11	12	11	11	11	7	6	8	10	9	7

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.00 ins.; to 7 p. m., .13 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 32

Prevailing direction SW

Total movement, 198

Average hourly velocity, 8.2

Maximum velocity, 18 Direction, S Time. Began 5.55 P.

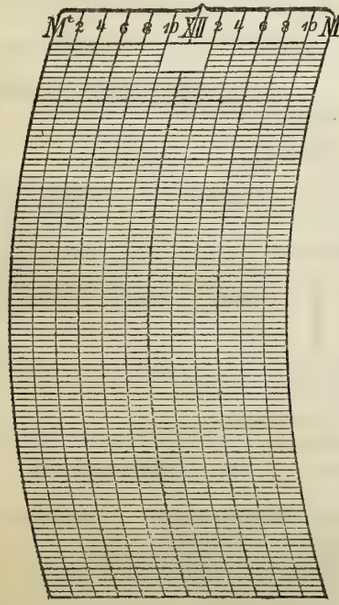
Extreme velocity, 20 — S — 5.56 P

Relative humidity, 100 a. m. 98 p. m.

Reduced barometer, 29.86 a. m. 29.83 p. m.

River gage, 7.0 ft.

THERMOGRAPH.



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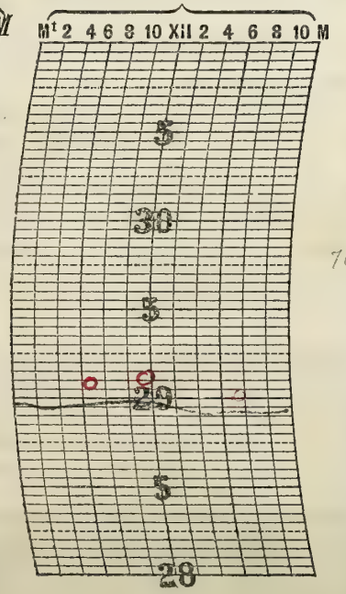

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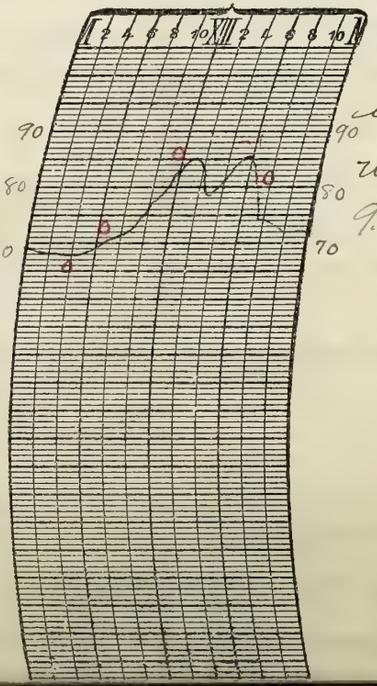


NOTES.

A moderate thunderstorm occurred in the evening. The first thunder was heard at 6.00 P.M. and last heard at 9.30 P.M. The storm came from the north.

Prepared by HAC

Verified by PMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 16 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	71	71	71	72	77	80	83	85	86	86	87	88 / 81	80	85	85	86	85	80	77	76	74	72
State of weather: Nature of precipitation and time of beginning and ending														RB 1.45 RE 1.55										
Amounts of precipitation														T										
Cloudiness and other conditions					Clear						×	P.C.						Pt. Cldy						
Sunrise: Time, Character	4.22 Clear																				Sunset: Time, Character 7.11 Cloudy			
Sunshine (in tenths of hours)					.63 0	1.0 0	.04 0.6	0.6	1.0	1.0	0.9	0.8	0.9	0.4	0	0.6	0.3	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	S	SW	SW	W	W	NW	NW	W	W	W
Wind movement	5	7	8	7	7	9	11	13	12	15	14	12	12	12	10	10	12	11	13	9	6	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	88	71	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.1

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 61

Prevailing direction SW

Total movement, 230

Average hourly velocity, 9.6

Maximum velocity, 17 Direction, SW Began 10.18 A.M.

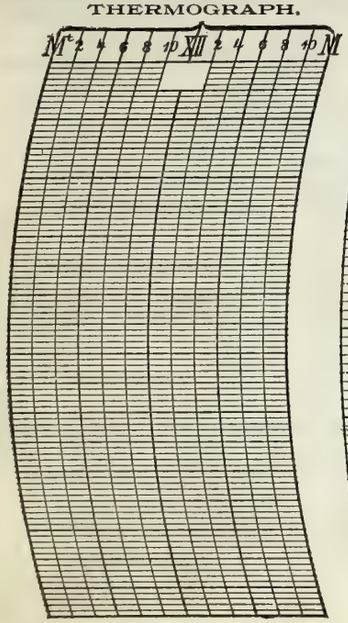
Extreme velocity, 18 - SW - 10.18 A.M.

Relative humidity, 88 a. m. 62 p. m.

Reduced barometer, 29.80 a. m. 29.77 p. m.

River gage, 6.4 ft.

THERMOGRAPH.



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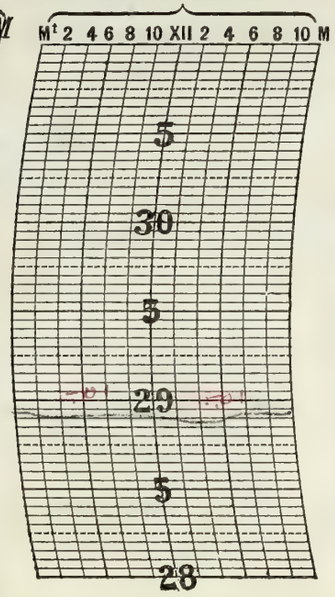
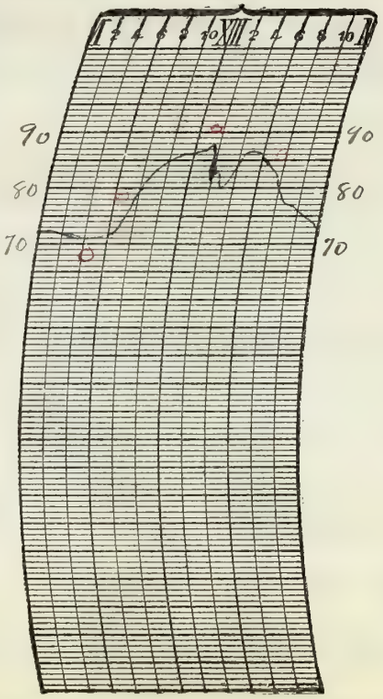


THERMOGRAPH.



NOTES

Prepared by H.J.C.

Verified by P.M.C.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 1 1915, 191

Time (local standard) 10 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	70	68	68	69	72	75	78	80	82	83	84	84	85	84	84	82	80	76	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear								Clear									→
Sunrise: Time, 4.23 Character, Clear																					Sunset: Time, 7.11 Character, Clear			
Sunshine (in tenths of hours)					.62 0	1.0 0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.18 0				
Wind direction	SW	SW	SW	SW	SW	W	W	W	NW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	6	6	6	5	6	6	8	9	10	12	11	13	12	13	12	10	8	6	5	3	3	3	1

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation; midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 97

Prevailing direction NW

Total movement, 181

Average hourly velocity, 7.5

Maximum velocity, 15 Direction, NW Time. Began 1.52 P.M.

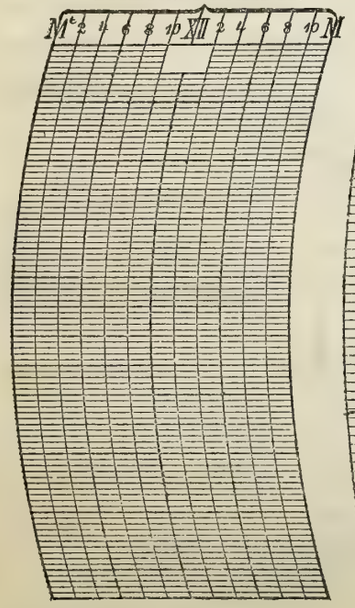
Extreme velocity, 16 - NW - 1.52 P.M.

Relative humidity, 84 a. m. 78 p. m.

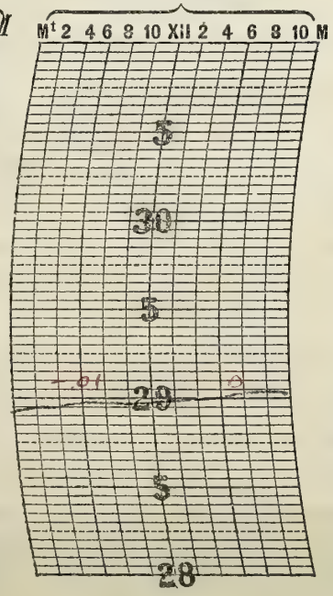
Reduced barometer, 29.83 a. m. 29.89 p. m.

River gage, 8.0 ft.

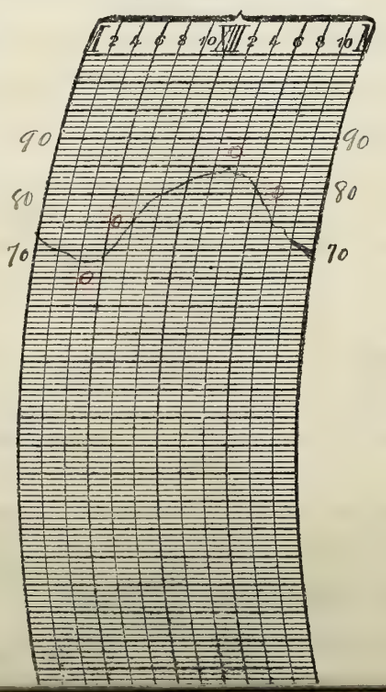
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 18 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	66	64	65	66	74	76	80	82	81	78	83	86	87	74	72	73	73	72	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending											RB 10.25 RE 10.45				RB 2.40		RE 5.00							
Amounts of precipitation											T				T	.16	.02							
Cloudiness and other conditions			←			Clear			×		Pt Cloudy					×		Cloudy					→	
Sunrise: Time, 4.24; Character, Clear																					Sunset: Time, 7.10; Character, Cloudy			
Sunshine (in tenths of hours)		✓			.60 0	1.0 0	1.0	1.0	0.7	0.7	0.3	0.2	0.4	1.0	0.8	0	0	0	0	0		✓		0
Wind direction	W	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SW	SW	S	S	S	SW	SW	S	S	S	S
Wind movement	2	4	3	3	3	5	6	8	8	8	11	6	7	11	12	13	8	8	8	5	7	8	9	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 52

Prevailing direction S

Total movement, 169

Average hourly velocity, 7.0

Maximum velocity, 19 Direction, S Time. Began 10.35 A.M.

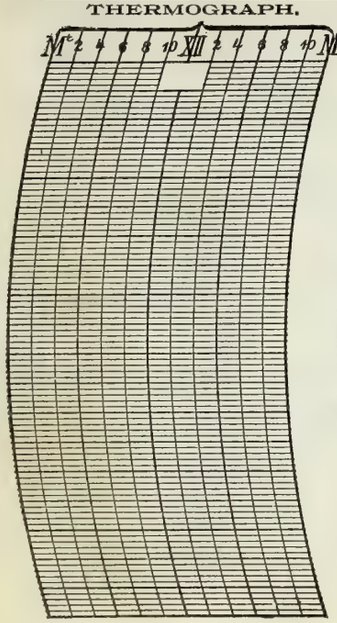
Extreme velocity, 20 - S - 10.35 A.M.

Relative humidity, 58 a. m., 86 p. m.

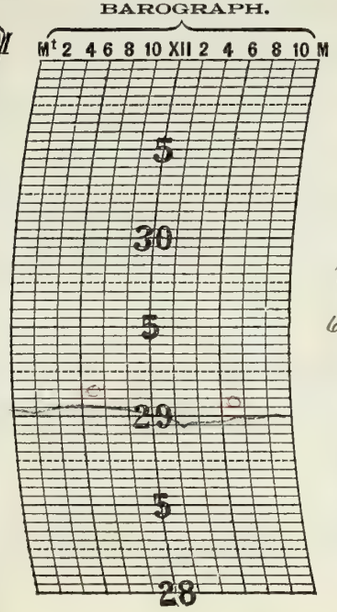
Reduced barometer, 29.93 a. m., 29.86 p. m.

River gage, 7.8 ft.

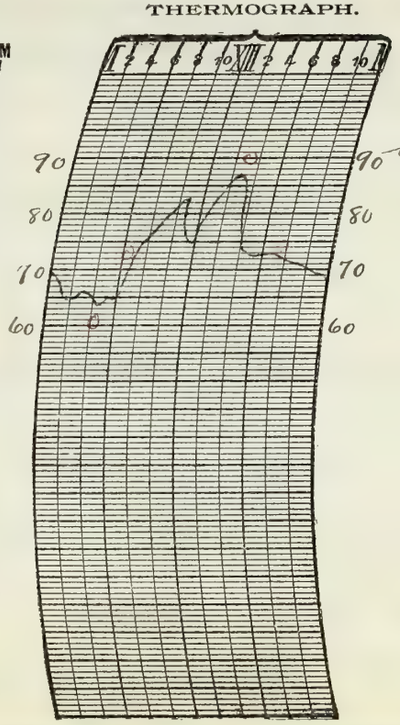
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A moderate thunderstorm passed over the station from 2.40 P. to 5.00 P.M.

Prepared by J.H.T.C.

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 1 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	67	65	64	65	66	68	70	71	72	74	75	76	78	77	77	76	75	70	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Pt Cloudy				Clear					
Sunrise: Time, Character	4.25 Cloudy																				Sunset: Time, Character 7.09 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.3	0.4	0.1	0.7	0.8	1.0	0.7	1.0	0.7	0.2	0.3	0	0				
Wind direction	S	S	S	S	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N
Wind movement	5	5	4	4	6	6	8	8	8	8	9	10	8	8	6	9	8	6	4	7	8	5	5	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	64	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase First Quarter 5.09 P

Average daily cloudiness (0–10)

Actual sunshine, hours, 6.2

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 42

Prevailing direction N

Total movement, 161

Average hourly velocity, 6.7

Maximum velocity, 12 Direction, NW Time. Began 3.51 PM

Extreme velocity, 12 – NW – 3.51 PM

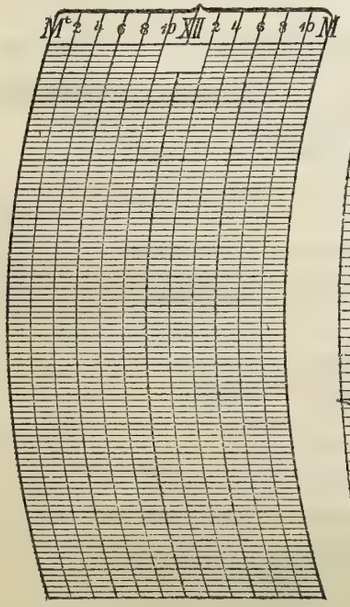
Relative humidity, 89 a. m. 67 p. m.

Reduced barometer, 29.95 a. m., 30.03 p. m.

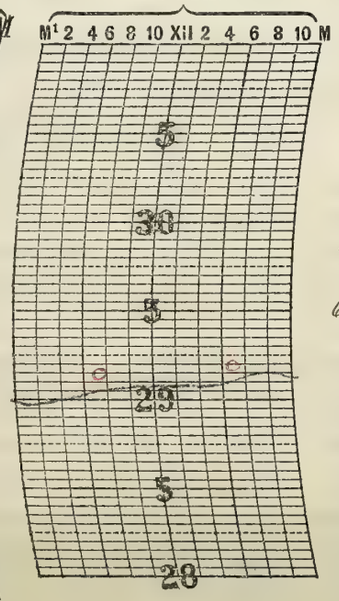
River gage, 7.5 ft.

NOTES

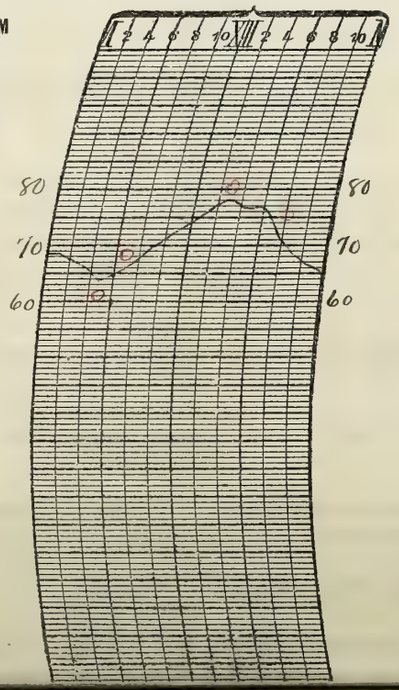
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by JHC.
Verified by PMD

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 20 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	60	61	64	67	69	74	75	75	76	77	76	76	75	68	65	64	63	63	62	60
State of weather: Nature of precipitation and time of beginning and ending	RB DR RE DR																		RB 6.12 RE 6.35	RB 7.30	RE 8.40			
Amounts of precipitation	T																		.01	.03	.01			
Cloudiness and other conditions								Cloudy						Pt Cloudy						Cloudy				
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	1.0	0.8	0.8	1.0	0.6	0.7	0.8	0	0	0				
Wind direction	NE	NE	N	N	N	NE	NE	N	N	N	NW	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	N	N
Wind movement	5	4	4	4	4	4	3	4	4	5	6	9	11	13	11	11	10	14	13	8	6	4	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4.26 Character, Cloudy

Sunset: Time, 7.09 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 6.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 44

Prevailing direction N

Total movement, 164

Average hourly velocity, 6.8

Maximum velocity, 25 Direction, NE Time. Began 5.50 P.

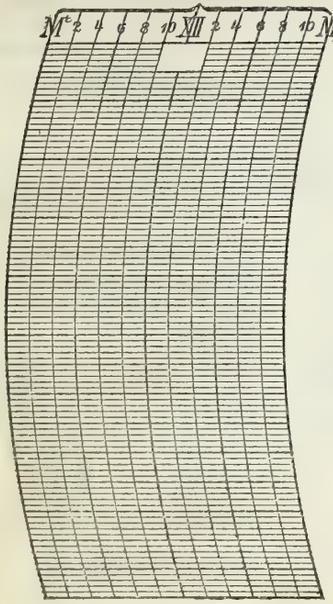
Extreme velocity, 25 - NE - 5.50 P

Relative humidity, 87 a. m. 87 p. m.

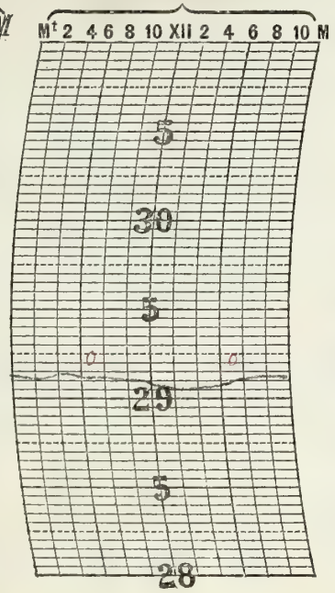
Reduced barometer, 30.04 a. m. 30.03 p. m.

River gage, 7.0 ft.

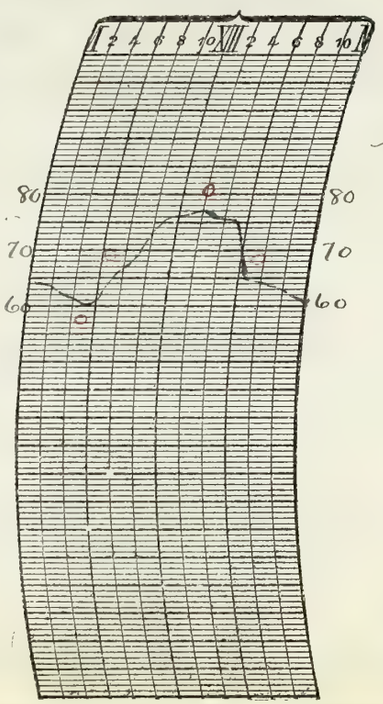
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A moderate thunderstorm passed over the station from 7.35 P. to 8.40 P.M.

Prepared by HFC

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 21 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	57	59	61	66	69	71	71	65	74	64	65	72	71	69	68	66	63	62	60	59
State of weather: Nature of precipitation and time of beginning and ending												RB 11.30	RE 12.55		RB 2.10 RE 2.35									
Amounts of precipitation												T			.12									
Cloudiness and other conditions				←	Clear				×	Pt cloudy							Pt cldy						→	
Sunrise: Time, Character	4.27 Clear																							
Sunset: Time, Character																					7.08 Cloudy			
Sunshine (in tenths of hours)					0	0.2	0.7	1.0	1.0	0.9	0.5	0.2	0.6	0.7	0.2	0.6	0.6	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	N	N	NW	E	SE	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	4	3	3	3	3	3	6	6	4	7	3	9	9	3	4	8	5	4	3	1	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

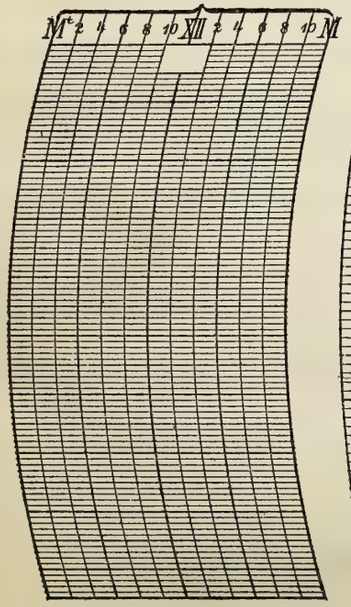
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
Temperature	74	57	66	

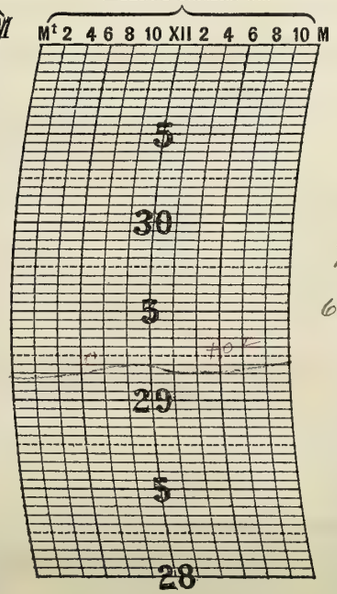
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 8.4
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 57
Prevailing direction N
Total movement, 100
Average hourly velocity, 4.2

Maximum velocity, 20 Direction, NE Time. Began 1.55 PM
Extreme velocity, 20-NE 1.55 PM
Relative humidity, 79 a. m., 84 p. m.
Reduced barometer, 30.09 a. m., 30.11 p. m.
River gage, 6.6 ft.

THERMOGRAPH.



BAROGRAPH.



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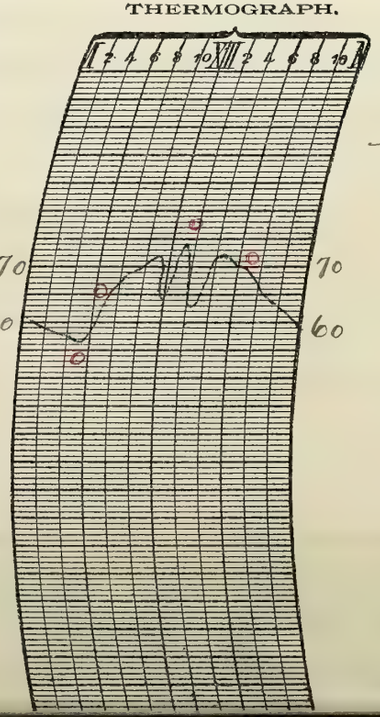


NOTES.

A moderate thundershower passed over the station from 2.15 P. to 2.35 P.M.

Prepared by HTC
Verified by PMC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 22 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	56	56	55	58	60	68	70	73	74	76	77	77	77	76	75	75	74	71	67	66	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							Clear									
Sunrise: Time, 4.27; Character, Clear																					Sunset: Time, 7.07; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.3	0	0				
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	N	NE	NE	N
Wind movement	4	1	3	1	3	3	2	2	4	4	6	6	6	8	6	6	6	4	3	3	2	1	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.6

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 86

Prevailing direction NW

Total movement, 89

Average hourly velocity, 3.7

Maximum velocity, 9 Direction, NW Time. Began 1.51 P.M.

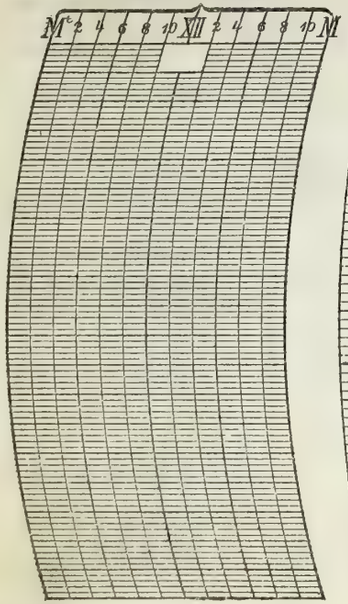
Extreme velocity, 9 – NW – 1.51 P.M.

Relative humidity, 78 a. m., 62 p. m.

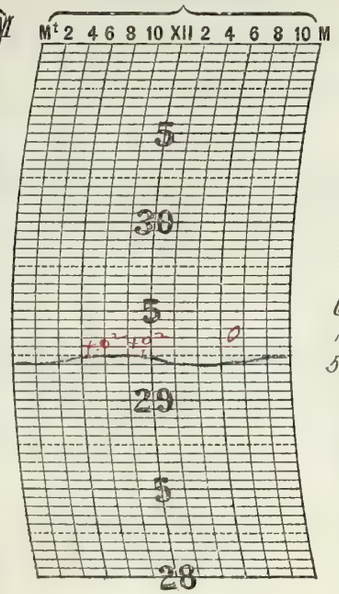
Reduced barometer, 30.16 a. m., 30.13 p. m.

River gage, 6.1 ft.

THERMOGRAPH.



BAROGRAPH.



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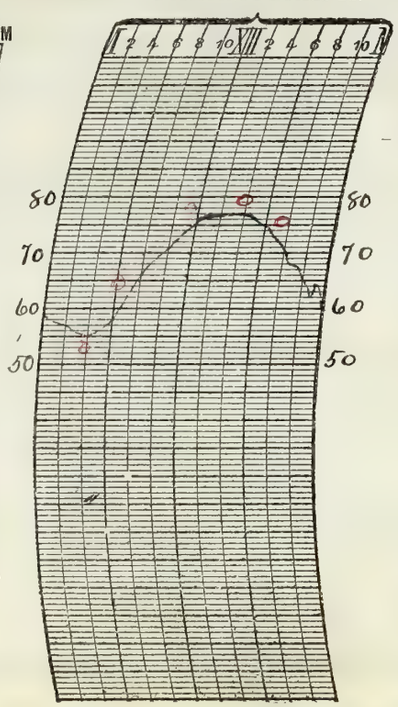


NOTES.

Ci. & Ci. St. clouds prevailed during part of the afternoon from 2.00 P. to 5.45 P.M.

Prepared by HHC.

Verified by PMcD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 23 1915, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	59	56	56	56	56	60	68	71	74	75	75	77	78	79	80	79	78	76	75	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)					.53 0	1.0 0	1.0 0	0.9 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3 0.3	1.0 0	1.0 0	1.0 0				
Wind direction	N	N	O	N	N	N	N	N	W	NW	W	W	NW	NW	NW	SW	SW	SW	SW	SW	SW	S	SE	SE
Wind movement	1	1	0	1	1	1	2	2	5	6	6	7	8	9	8	4	5	5	4	5	5	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.28 Character, Clear

Sunset: Time, 7.06 Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 14.0

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 96

Prevailing direction N

Total movement, 102

Average hourly velocity, 4.2

Maximum velocity, 12 Direction, W Time. Began 2.03 PM

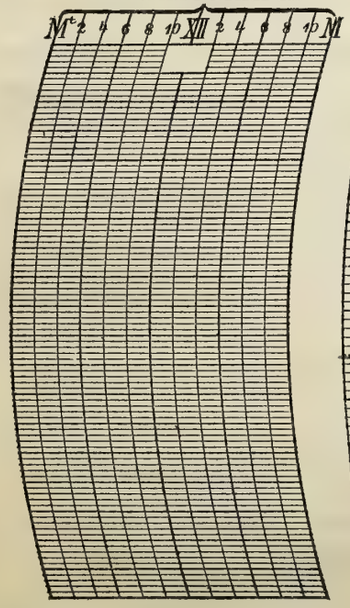
Extreme velocity, 12 – W – 2.03 P.M.

Relative humidity, 82 a. m. 60 p. m.

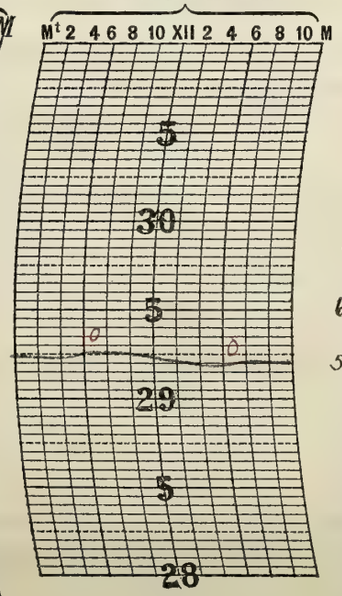
Reduced barometer, 30.16 a. m. 30.10 p. m.

River gage, 5.7 ft

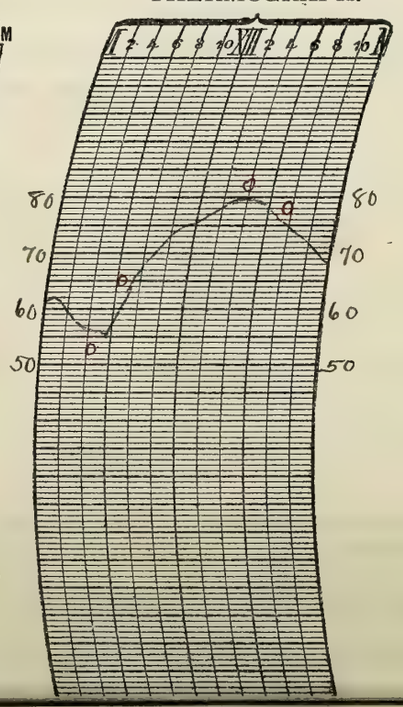
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J.H.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 24 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	62	63	66	71	75	77	77	77	78	79	79	80	78	76	74	73	72	72	71	71
State of weather: Nature of precipitation and time of beginning and ending																		RB 5.15 RE 5.50						
Amounts of precipitation																		T						
Cloudiness and other conditions				←	Clear				×Pt	Cldy	×					Cloudy								
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	0.6	0.1	0.2	0.3	0.5	0	0	0	0	0	0				
Wind direction	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	6	6	6	7	6	7	8	8	10	10	11	10	10	10	9	7	6	7	7	3	5	7	6	7

Sunrise: Time, 4.29; Character, Cloudy

Sunset: Time, 7.05; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	80	62	71.1	

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m. 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.1

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 21

Prevailing direction S

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity, 13 Direction, SW Began 9.38 AM

Extreme velocity, 13 - SW - 9.38 AM

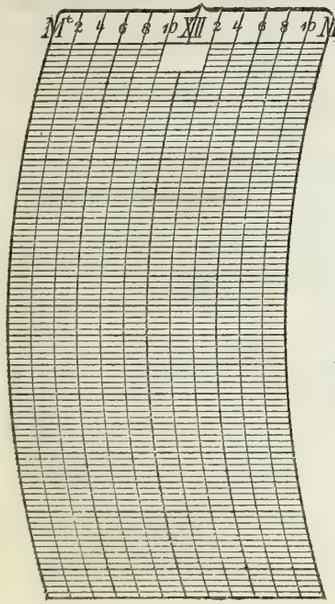
Relative humidity, 68 a. m. 66 p. m.

Reduced barometer, 30.14 a. m. 30.15 p. m.

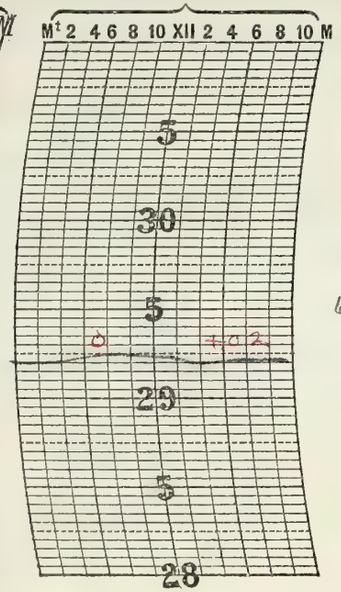
River gage, 5.4 ft.

NOTES.

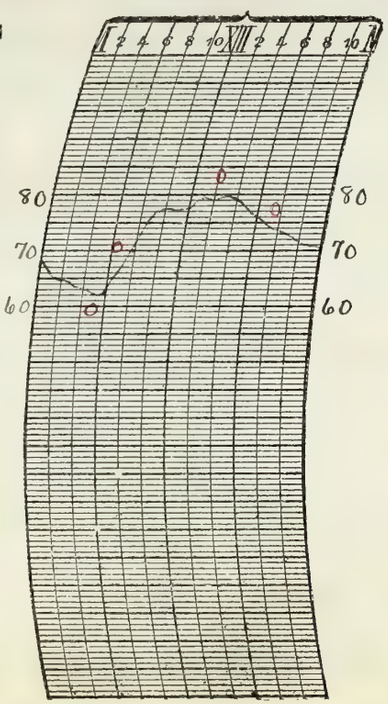
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by F.A.C.

Verified by J.M.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 25 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	66	66	66	67	69	74	78	80	80	77	79	82	81	80	78	76	72	70	69	68	65
State of weather: Nature of precipitation and time of beginning and ending					RB DN RE DN								RB 12.45	RE 1.15										
Amounts of precipitation					T								T	T										
Cloudiness and other conditions						Cloudy				×		R	Cloudy			×	Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.8	1.0	0.4	0	0.5	0.8	0.8	0.2	0	0	0				
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	N	SW	SW	SW	W	W	W	NW	NW	W	SW
Wind movement	7	7	6	7	7	7	5	2	4	5	10	10	12	6	9	13	12	8	7	7	3	1	2	4

Sunrise: Time, 4.30; Character, Cloudy

Sunset: Time, 7.04; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.7

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 32

Prevailing direction SW

Total movement, 161

Average hourly velocity, 6.7

Maximum velocity, 18 Direction, SW Time. Began 12.36 PM

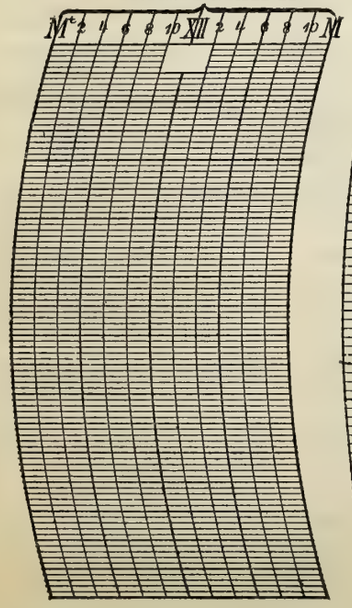
Extreme velocity, 20 - SW - 12.36 PM

Relative humidity, 90 a. m. 69 p. m.

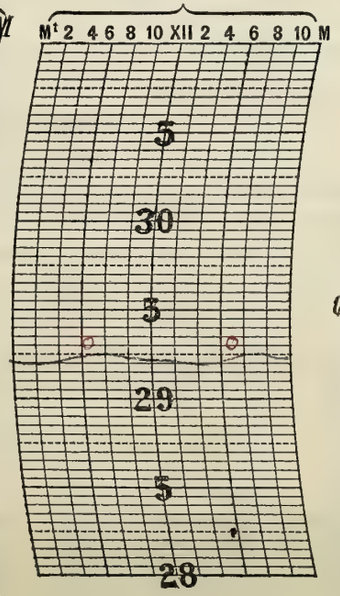
Reduced barometer, 30.15 a. m. 30.10 p. m.

River gage, 5.0 ft.

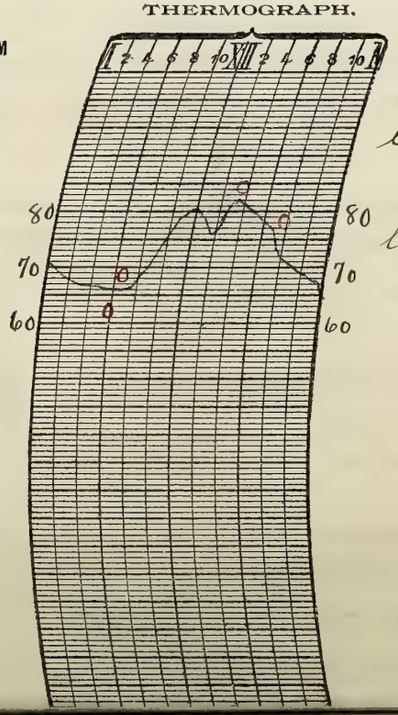
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A moderate thunderstorm passed over the station from 12.45 P. to 1.15 P.M. The first thunder was heard at 12.45 P.M and the last at 1.10 P.M.

Prepared by H.T.C.
Verified by P.M.L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 26 1915, 191

Time (local standard 90 mer.) — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	62	62	64	66	69	70	70	72	74	75	78	78	77	76	75	73	72	70	69	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy							×	Pt Cldy			×		Cloudy					
Sunrise: Time, Character,	4.31 Cloudy																				Sunset: Time, Character, 7.03 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.6	0.8	1.0	0.8	0.4	0	0	0				
Wind direction	SW	SE	SE	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	N	NE
Wind movement	2	2	4	4	5	5	5	5	6	6	7	4	5	5	4	5	6	4	4	2	2	3	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

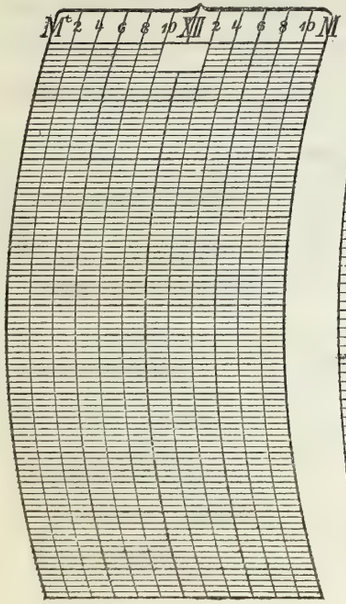
	Maximum.	Minimum.	Mean.	Normal.
Temperature	78	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full Moon 8 11 A. M.
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.6
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 25
Prevailing direction NW
Total movement, 103
Average hourly velocity, 4.3

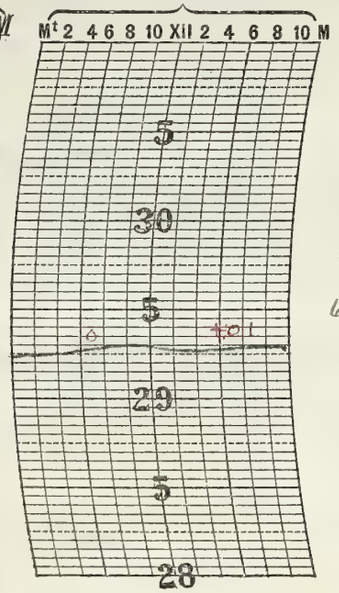
Maximum velocity,	Direction,	Time.
8	NW	Began 10.43 A M

Extreme velocity, 8 NW 10.43 A M
Relative humidity, 92 a. m. 80 p. m.
Reduced barometer, 30.19 a. m. 30.20 p. m.
River gage, 4.7 ft

THERMOGRAPH.



BAROGRAPH.



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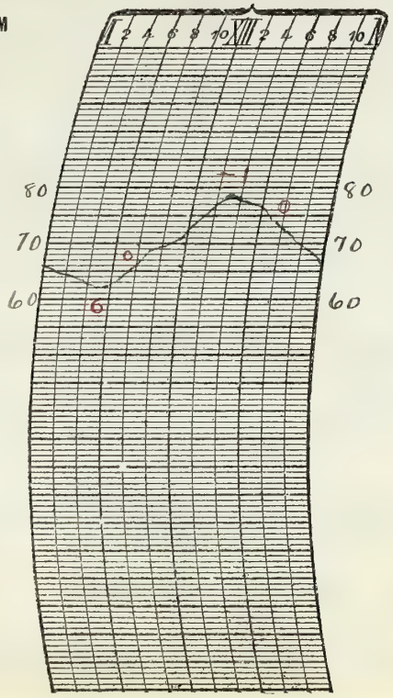


NOTES.

Prepared by N.A.C.
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 27 1915, 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	64	63	62	62	64	67	69	70	71	72
State of weather: Nature of precipitation and time of beginning and ending							RB 6.10 RE 6.35	RB 7.50				RE 11.50
Amounts of precipitation							T	T	.01	T	T	T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character	4.32 Cloudy											
Sunshine (in tenths of hours)		1			0	0	0	0	0	0	0	0
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	S	SW
Wind movement	2	3	3	4	4	5	2	1	1	3	5	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	77	78	78	79	77	76	74	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character									7.03 Cloudy			
Sunshine (in tenths of hours)	0.2	0.5	0.4	0.2	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SE	SE	S	S
Wind movement	6	7	9	9	8	7	5	5	6	5	5	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.3

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 9

Prevailing direction SW

Total movement, 118

Average hourly velocity, 4.9

Maximum velocity, 11 Direction, SW Time. Began 2.59 PM

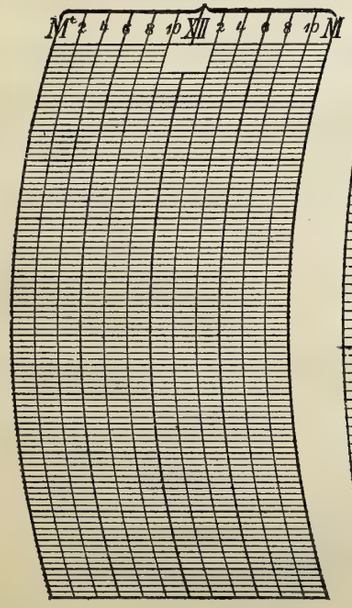
Extreme velocity, 11 – SW – 2.59 PM

Relative humidity, 93 a. m., 87 p. m.

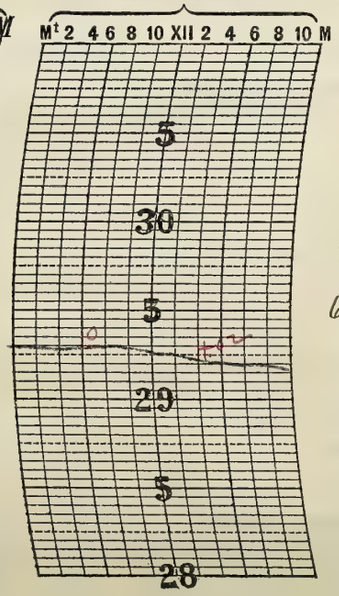
Reduced barometer, 30.20 a. m., 30.13 p. m.

River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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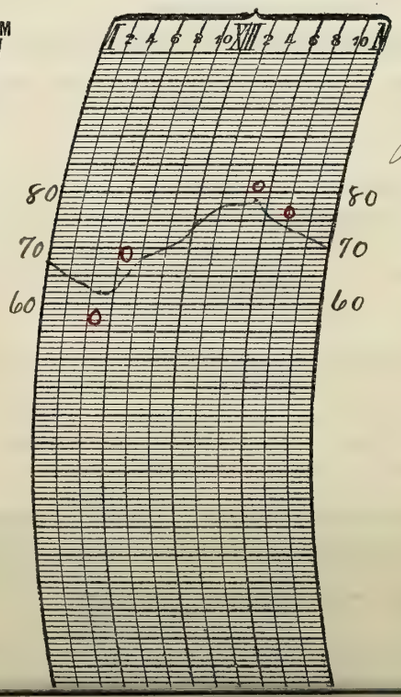


NOTES.

Light showers occurred during the forenoon.

Prepared by J.H.C.

Verified by P.M.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 28 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	70	70	70	69	70	70	73	74	70	71	73
State of weather: Nature of precipitation and time of beginning and ending						RB DN RE DN		RB 7.02				
Amounts of precipitation						T		T	T	.01	.03	T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4.33 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	S	S	SW	SW	SW	SW	SW	W	W	SW	SW
Wind movement	7	8	8	9	8	8	7	9	8	8	8	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	74	75	75	74	73	72	71	70	70	70	70
State of weather: Nature of precipitation and time of beginning and ending			RE 2.15									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions	Cloudy											
Sunset: Time, 7.02 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	9	10	12	11	10	8	7	5	5	1	1

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

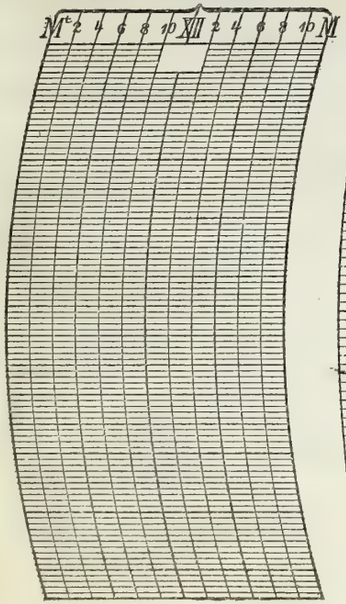
	Maximum.	Minimum.	Mean.	Normal.
	75	69	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0.1
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 1
Prevailing direction SW
Total movement, 188
Average hourly velocity, 7.8

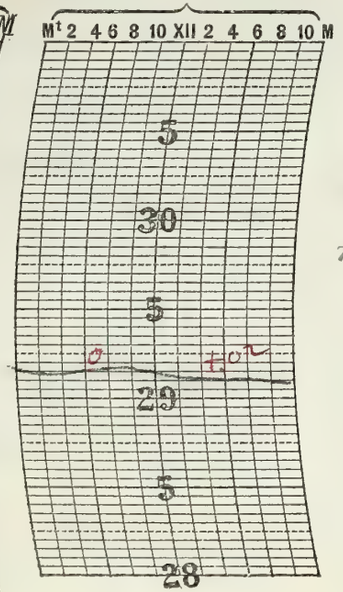
Maximum velocity,	Direction,	Time.
14	SW	Began 12.52 P.M.

Extreme velocity, 14 SW 12.52 PM
Relative humidity, 92 a. m. 91 p. m.
Reduced barometer, 30.05 a. m. 30.01 p. m.
River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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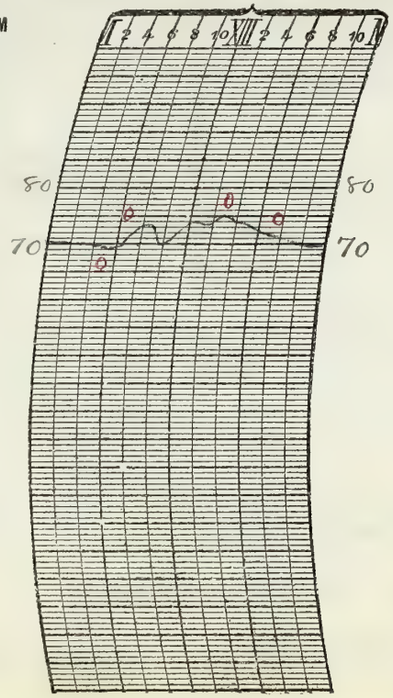


NOTES.

Prepared by J.F.S.
Verified by O.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 29 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	69	68	68	68	68	68	69	70	72	72	73	73	80	82 81	80	79	78	77	76	75	72	71
State of weather: Nature of precipitation and time of beginning and ending				RB DN											RE 2.15							RB 7.00 RE 7.40		
Amounts of precipitation				T	.18	.08	.07	.19	.06	.02	T	.01	.17	T	T							.02		
Cloudiness and other conditions	Cloudy												Cloudy						Clear					
Sunrise: Time, Character,	4.34 Cloudy																							
Sunset: Time, Character,																					7.01 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0.6	0.4	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SE	S	S	S	S	S	S	SE	SW	SW	SW	S	S	S	SE	SW	SW	SW
Wind movement	3	1	2	1	3	1	4	8	11	10	10	11	3	3	4	9	7	7	6	5	5	8	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

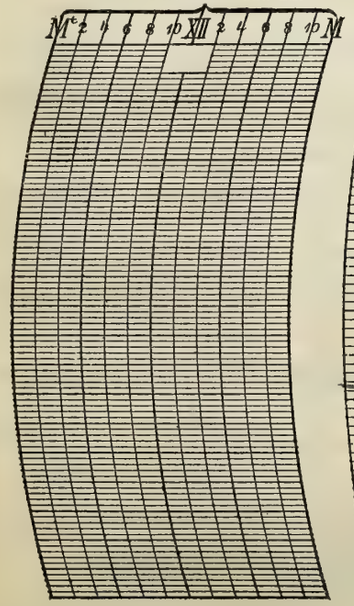
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	82	68	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .33 ins.; to 7 p. m., .45 ins.
Total precipitation, midnight to midnight, .80 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.0
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 7
Prevailing direction SW
Total movement, 134
Average hourly velocity, 5.6
Maximum velocity, 16 Direction, SW Time. Began 9.14 P.M.
Extreme velocity, 18 SW - 9.14 P.M.
Relative humidity, 100 a. m., 93 p. m.
Reduced barometer, 29.95 a. m., 29.87 p. m.
River gage, 4.5 ft.

THERMOGRAPH.



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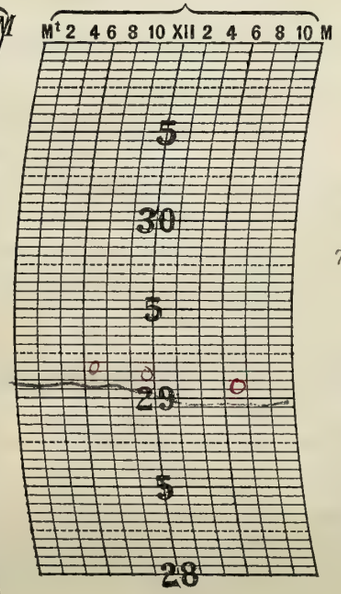

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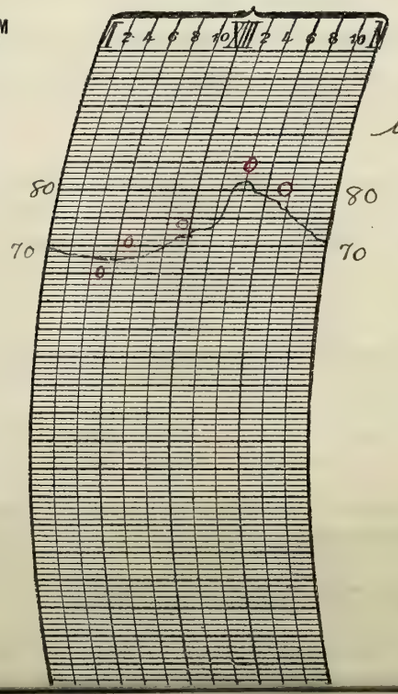


NOTES.

A moderate thunderstorm passed over the station at 9.00 P.M. to 9.40 P.M.

Prepared by H.T.C.
Verified by P.M.L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 30 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	70	70	70	71	71	73	74	77	78	79	81	82	83 82	82	82	81	78	76	74	73	73
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN	✓																					
Amounts of precipitation	.01	.01																						
Cloudiness and other conditions	Cloudy												× Pt Cldy					×	Clear					

Sunrise: Time, 4.35; Character, Cloudy

Sunset: Time, 7.00; Character, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.2	0.7	0.2	0.5	0.9	0.8	0	0	0	0				
Wind direction	SW	W	W	SW	SW	W	W	W	W	W	W	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	7	4	6	8	7	7	8	8	8	8	8	5	5	6	3	2	1	1	1	1	2

Maximum velocities 29 (exceeding ___ miles) direction and time ___

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts ___

	Maximum.	Minimum.	Mean.	Normal.
	83	70	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase, ___

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.6

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 25

Prevailing direction SW, W

Total movement, 128

Average hourly velocity, 5.3

Maximum velocity, 10 Direction, W Time. Began 10.19 AM

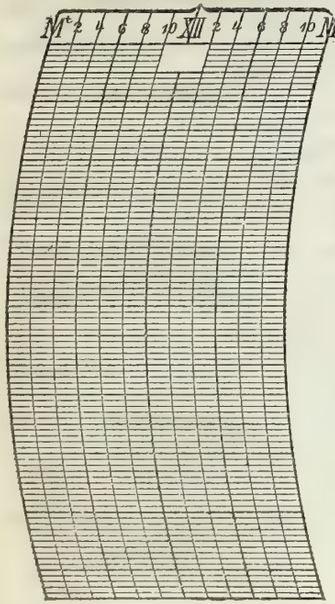
Extreme velocity, 10 - W - 10.19 AM

Relative humidity, 95 a. m. 79 p. m.

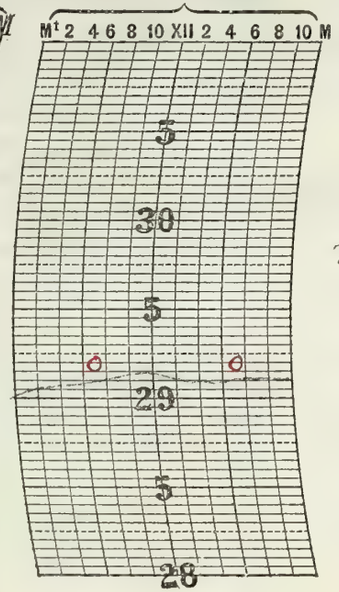
Reduced barometer, 29.97 a. m. 29.99 p. m.

River gage, 4.3 ft

THERMOGRAPH.



BAROGRAPH.



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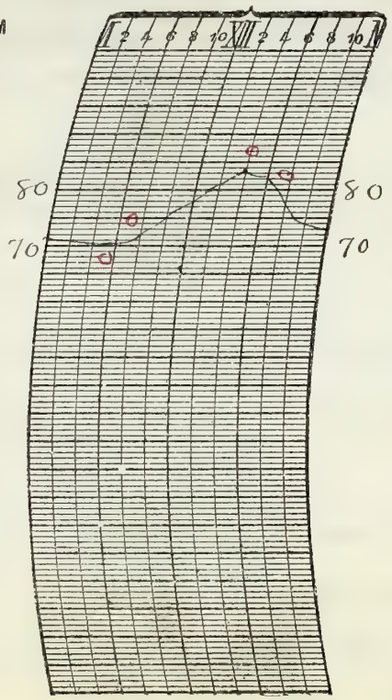


NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 29 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	69	68	68	68	68	68	69	70	72	72
State of weather: Nature of precipitation and time of beginning and ending				RB DN								
Amounts of precipitation				T	.18	.08	.07	.19	.06	.02	T	.01
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4.34 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SE	S	S	S	S	S
Wind movement	3	1	2	1	3	1	4	8	11	10	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	80	82 81	80	79	78	77	76	75	72	71
State of weather: Nature of precipitation and time of beginning and ending			RE 2.15							RB 7.00 RE 9.40		
Amounts of precipitation	17	T	T							.02		
Cloudiness and other conditions	Cloudy						Pt Cldy					
Sunset: Time, 7.01 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0.6	0.4	0	0	0	0				
Wind direction	S	SE	SW	SW	SW	S	S	S	SE	SW	SW	SW
Wind movement	3	3	4	9	7	7	6	5	5	8	6	6

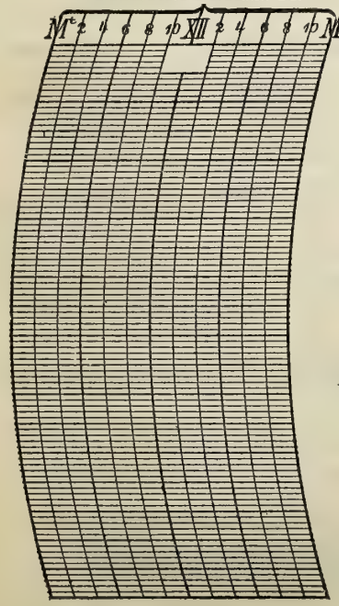
Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

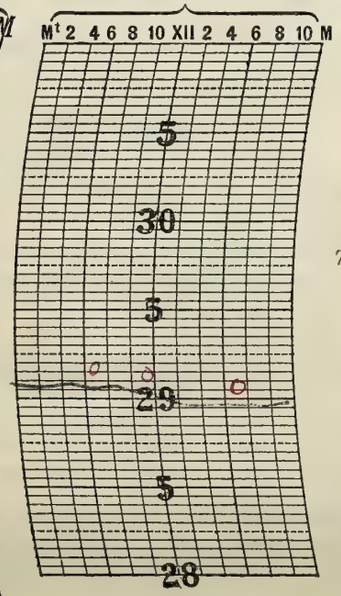
	Maximum.	Minimum.	Mean.	Normal.
	82	68	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .33 ins.; to 7 p. m., .45 ins.
Total precipitation, midnight to midnight, .80 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.0
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 7
Prevailing direction SW
Total movement, 134
Average hourly velocity, 5.6
Maximum velocity, 16 Direction, SW Began 9.14 PM
Extreme velocity, 18 SW - 9.14 PM
Relative humidity, 100 a. m., 93 p. m.
Reduced barometer 29.95 a. m., 29.87 p. m.
River gage, 4.5 ft.

THERMOGRAPH.



BAROGRAPH.



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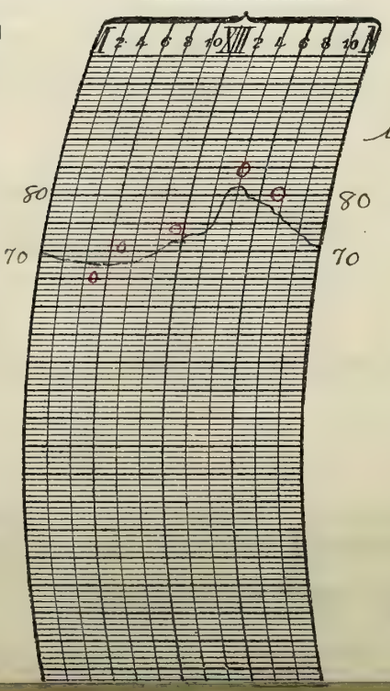


NOTES.

A moderate thunderstorm passed over the station at 9.00 P. to 9.40 P.M.

Prepared by HTC.
Verified by PMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 30 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	70	70	70	71	71	73	74	77	78	79	81	82	83 82	82	82	81	78	76	74	73	73
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN	✓																					
Amounts of precipitation	.01	.01																						
Cloudiness and other conditions	← Cloudy												× Pt Cldy					× Clear						→
Sunrise: Time, 4.35 Character, Cloudy																					Sunset: Time, 7.00 Character, Cloudy			
Sunshine (in tenths of hours)				✓	0	0	0	0	0	0.1	0.2	0.9	0.2	0.5	0.9	0.8	0	0	0	0		✓		
Wind direction	SW	W	W	SW	SW	W	W	W	W	W	W	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	7	4	6	8	7	7	8	8	8	8	8	5	5	6	3	2	1	1	1	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

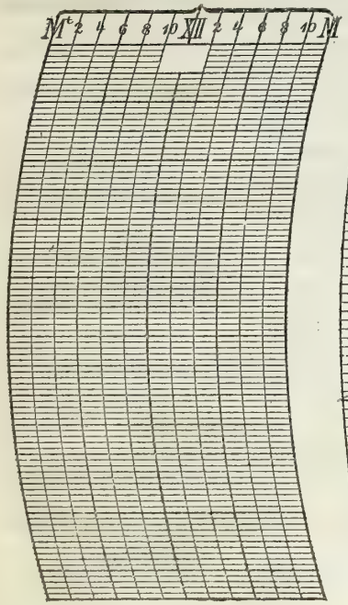
	Maximum.	Minimum.	Mean.	Normal.
Temperature	83	70	76 ✓	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches. ✓
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.6 ✓
Possible sunshine, hours, 14.4 ✓
Percentage of possible sunshine, 25 ✓
Prevailing direction S.W., W ✓
Total movement, 128 ✓
Average hourly velocity, 5.3 ✓

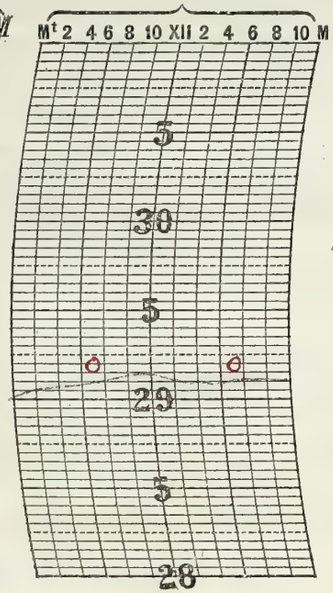
Maximum velocity,	Direction,	Time.
10	W	Began 10.19 AM

Extreme velocity, 10 - W - 10.19 AM
Relative humidity, 95 a. m. ✓ 79 p. m.
Reduced barometer, 29.97 a. m. 29.99 p. m. ✓
River gage, 4.3 ft

THERMOGRAPH.



BAROGRAPH.



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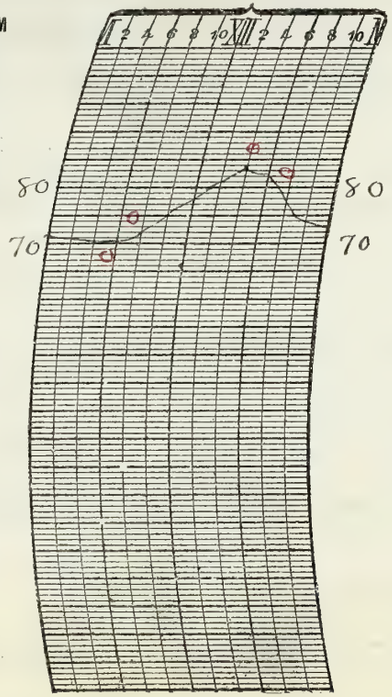


NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 31 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	71	70	70	72	73	78	80	81	81	83	82	83	82	80	78	77	76	75	74	73	73
State of weather: Nature of precipitation and time of beginning and ending	RB DN				RE DN																			
Amounts of precipitation	.06	.05	.07	.28	.15																			
Cloudiness and other conditions						Cloudy				Pt Cldy					Cldy			P.C.		Clear				
Sunrise: Time, 4.36 Character, Cloudy																					Sunset: Time, 6.59 Character, Cloudy			
Sunshine (in tenths of hours)	1				0	0	0	0.1	1.0	0.7	0.7	0.1	0.9	0.2	0.5	0.4	0.1	0	0					
Wind direction	SE	SE	SE	N	E	E	E	E	SE	S	SW	SW	SW	W	W	NW	NW	N	N	NE	NE	NE	NE	NE
Wind movement	2	3	4	4	4	6	4	4	5	9	12	9	12	11	9	8	10	8	7	3	3	2	3	1

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	70	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m. 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .61 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .6 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.7

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 33

Prevailing direction NE

Total movement, 143

Average hourly velocity, 6.0

Maximum velocity, 14 Direction, SW Time. Began 12.59 P.M.

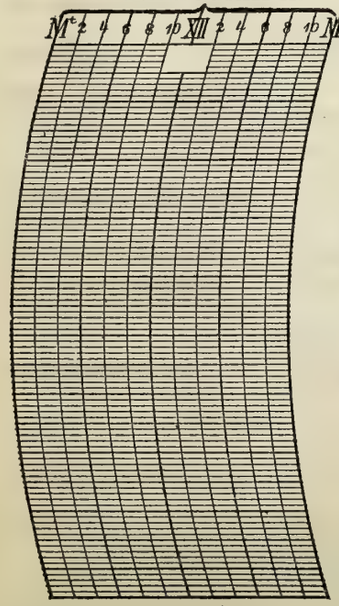
Extreme velocity, 14 SW 12.59 P.M.

Relative humidity, 91 a. m. 91 p. m.

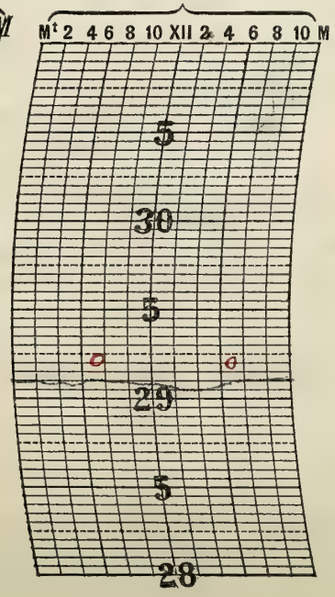
Reduced barometer, 29.99 a. m. 30.01 p. m.

River gage, 4.3 ft.

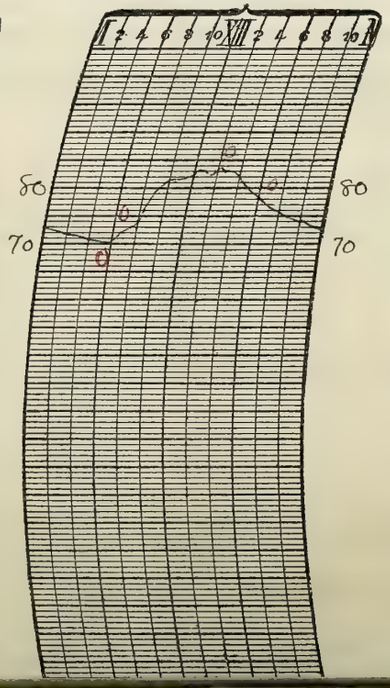
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunder was heard at 3.45 A.M.

Prepared by H.T.C.
Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. Began _____

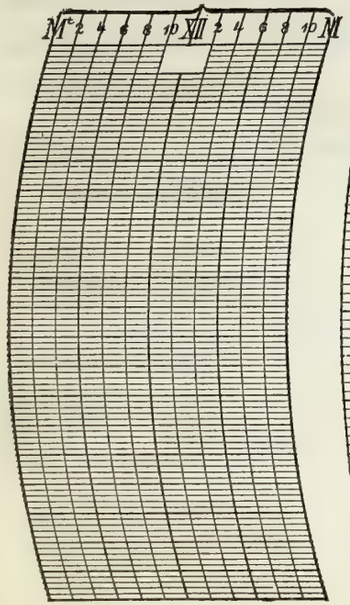
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

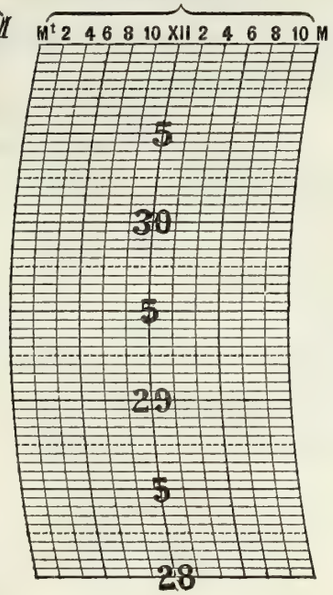
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

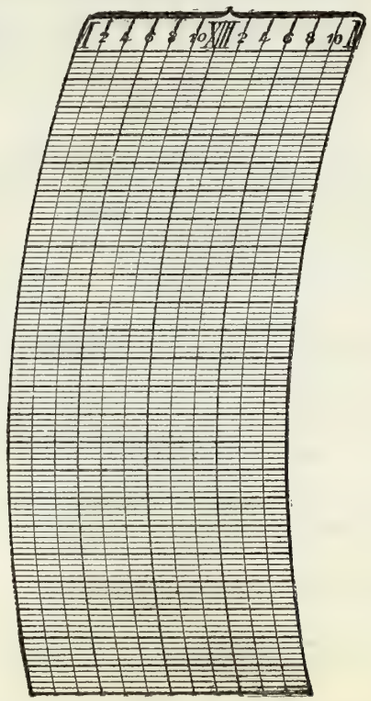
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) Jun 1 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	71	71	70	70	72	73	75	77	79	81	82	83	84	84	83	83	81	80	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Cloudy			×	P.C	×	Cldy	×			Pt Cldy						→	
Sunrise: Time, Character,	4.37 Cloudy																				Sunset: Time, Character,		6.57 Cloudy	
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0.8	0.8	0	0	0.4	0.5	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	S	SW	W	N	N	NE	E	E	NE	NE	E	E
Wind movement	3	4	3	3	3	3	3	5	4	5	5	4	3	2	3	4	3	3	1	2	3	3	4	4
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

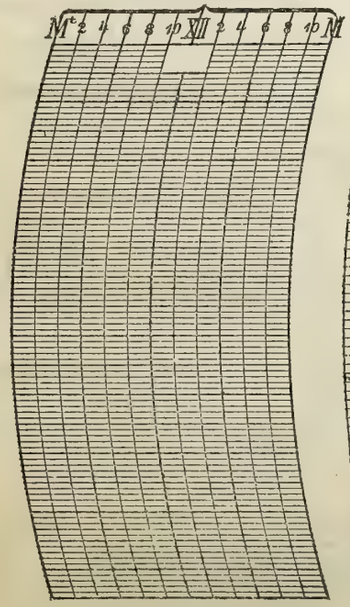
Maximum.	Minimum.	Mean.	Normal.
84	70	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 3.0
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 21
Prevailing direction NE
Total movement, 80
Average hourly velocity, 3.3

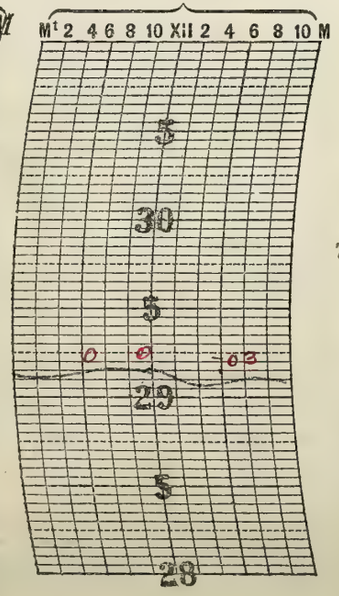
Maximum velocity,	Direction,	Time.
8	E	Began 7.37 AM

Extreme velocity, 8 - E - 7.37 AM
Relative humidity, 95 a. m., 79 p. m.
Reduced barometer, 30.05 a. m., 29.93 p. m.
River gage, 4.4 ft.

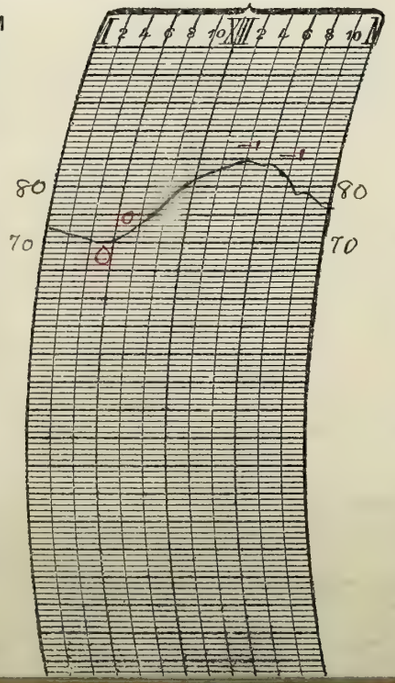
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the morning.

Prepared by H.T.C.
Verified by P.M.O.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 2 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	73	72	72	71	71	70	71	75	76	79	81	82	80	72	73	77	75	74	73	72	72	72
State of weather: Nature of precipitation and time of beginning and ending					RB DN			RE 7.50							RB 2.45	RE 3.25								
Amounts of precipitation					T	.11	.05	.39							.33	.02								
Cloudiness and other conditions			←			Cloudy							Cldy				×	Pt Cldy						→

Sunrise: Time, 4.38; Character, Cloudy

Sunset: Time, 6.56; Character, Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)				0	0	0	0	0	0	0.1	0	0.6	0.9	0.4	0	0.3	0.9	0	0					
Wind direction	E	E	E	E	E	E	S	S	S	SW	SW	W	W	NW	NW	N	NE	NE	NE	NE	E	NE	NE	NE
Wind movement	5	4	3	2	1	3	7	7	5	7	7	6	6	6	8	8	7	4	8	4	4	5	6	6
Maximum velocities (exceeding 25 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	2.45P	3.25P	.35	2.48P	3.00P	.01	.20	.30	.33											

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	82	70	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., .74 ins.

Total precipitation, midnight to midnight, .90 inches.

Character of day, Pt Cloudy Moon phase, Last Quarter 5.27P

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 3.2

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 22

Prevailing direction NE, E

Total movement, 129

Average hourly velocity, 5.4

Maximum velocity, 20 Direction, NW Time. Began 2.50 PM

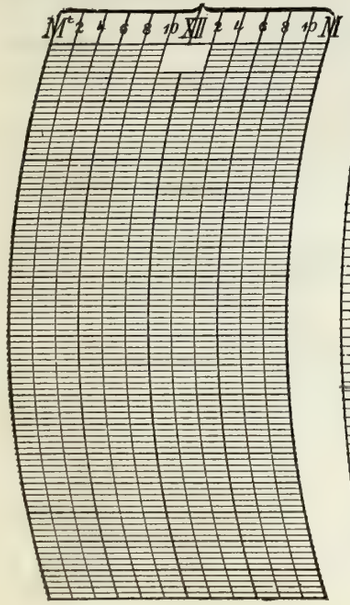
Extreme velocity, 25-NW-2.50 PM

Relative humidity, 97 a. m. 87 p. m.

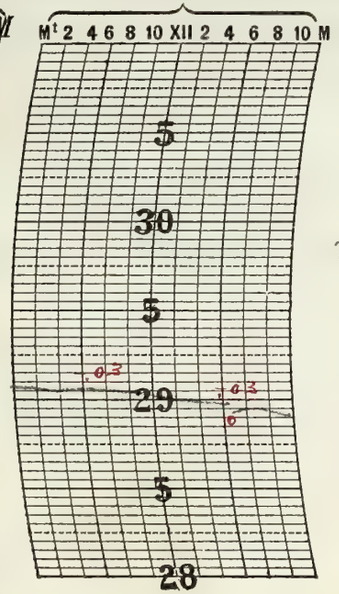
Reduced barometer, 29.91 a. m. 29.81 p. m.

River gage, 4.6 ft.

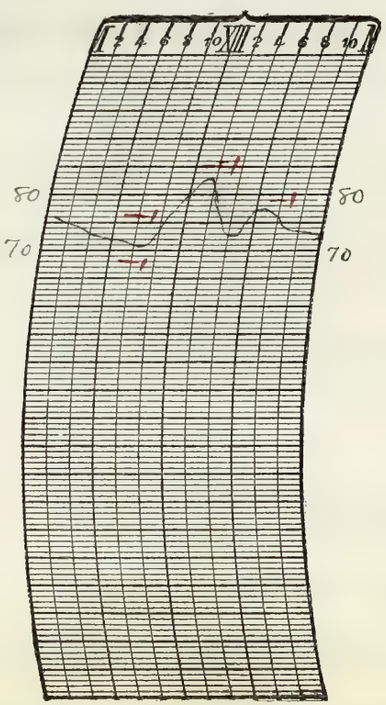
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by HFC
Verified by OMeD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible] 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	72	72	72	71	71	71	73	76	75
					RB DN				RE 8.40			RB 11.10
Nature of precipitation and time of beginning and ending												
Amounts of precipitation					.02	.09	.03	.02	T			.40
Cloudiness and other conditions				← Cloudy								
Sunrise: Time, Character,	4.39 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.2	0
Wind direction	NE	NE	E	E	E	SE	SE	SE	SE	S	S	SW
Wind movement	5	5	5	6	6	5	5	6	7	7	11	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	79	81	82	81	76	70	68	67	67	66	65
	TE 12.20							RB 7.45				RE DN
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.14							T	.01	T	.01	T
Cloudiness and other conditions			← Cloudy									
Sunset: Time, Character,									6.55 Cloudy			
Sunshine (in tenths of hours)	0.3	0.8	0.9	0.2	0.5	0	0					
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW
Wind movement	12	13	16	16	17	16	14	11	9	10	11	12

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., .58 ins.

Total precipitation, midnight to midnight, .72 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.0

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 21

Prevailing direction SW

Total movement, 239

Average hourly velocity, 10.0

Maximum velocity, 22 Direction, SW Began 3.57 P.M.

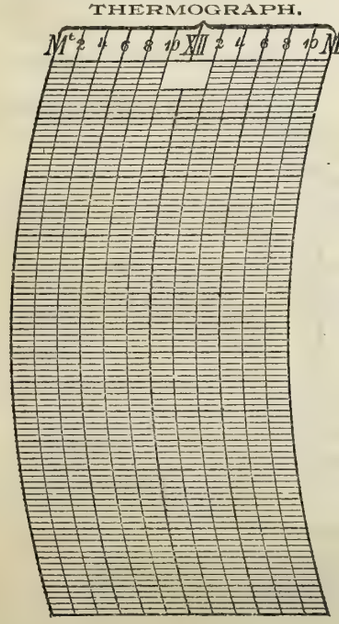
Extreme velocity, 23 SW 3.57 P.M.

Relative humidity, 98 a. m., 91 p. m.

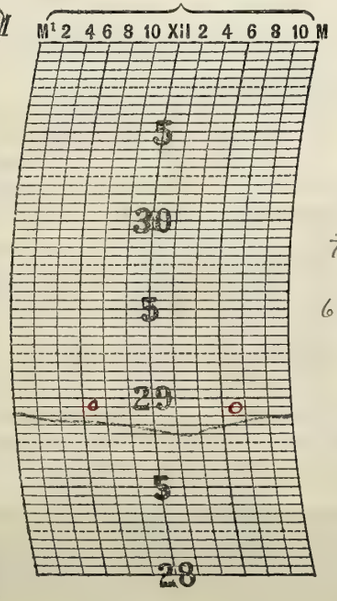
Reduced barometer, 29.76 a. m., 29.77 p. m.

River gage, 4.8 ft.

THERMOGRAPH.



BAROGRAPH.



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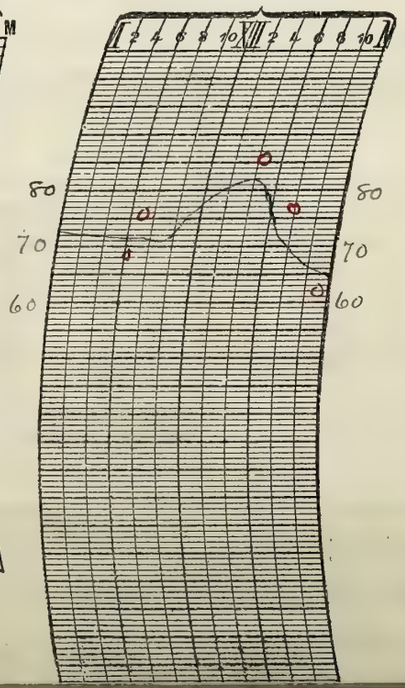


NOTES.

One peal of thunder was heard at 11.50 A.M.

Prepared by J.H.C.

Verified by O.M.L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 4 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	64	63	63	63	63	63	63	65	64	65	66	66	62	62	63	61	60	58	58	58	58	58
State of weather: Nature of precipitation and time of beginning and ending														RB 1.25				RE 530	RB 630			RE DN		
Amounts of precipitation														.01	T	T	T	.01	T	T	T	T		
Cloudiness and other conditions							Cloudy									Cloudy								
Sunrise: Time, 4.40; Character, Cloudy																					Sunset: Time, 6.57; Character, Cloudy			
Sunshine (in tenths of hours)		✓			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			✓		
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	8	11	10	10	10	13	15	15	16	13	15	17	15	10	12	16	11	13	11	10	13	10	9
Maximum velocities (exceeding 19 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	66	58	62	

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 294

Average hourly velocity, 12.2

Maximum velocity,	Direction,	Time.
19	SW	Began 1.03 PM

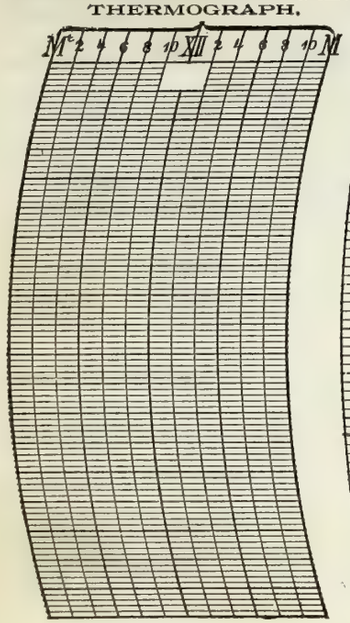
Extreme velocity, 19 - SW - 1.03 PM

Relative humidity, 95 a. m., 100 p. m.

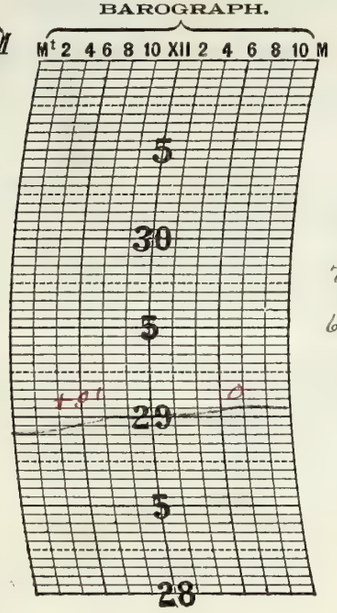
Reduced barometer, 29.89 a. m., 29.95 p. m.

River gage, 5.0 ft.

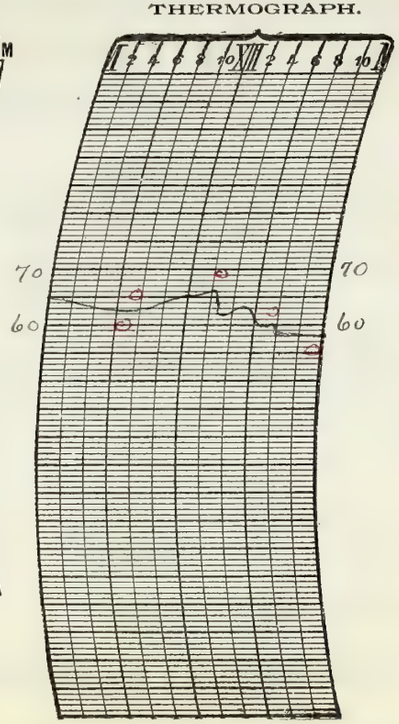
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.H.T.C.
Verified by P. Mez.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 6 1915, 191

Time (local standard) 10 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	57	58	59	59	56	55	57	58
Nature of precipitation and time of beginning and ending									RB 8.35			
Amounts of precipitation									T	.01	T	T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.41 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	10	10	9	12	10	10	7	6	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	59	60	58	58	58	58	58	58	58
Nature of precipitation and time of beginning and ending				RL 3.20								
Amounts of precipitation	T	T	.01	T								
Cloudiness and other conditions			Cloudy									
Sunset: Time, 6.53 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	10	12	11	10	8	8	8	7	5	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	55	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 0

Prevailing direction SW.

Total movement, 215

Average hourly velocity, 9.0

Maximum velocity, 16 Direction, SW Time. Began 3.13 PM

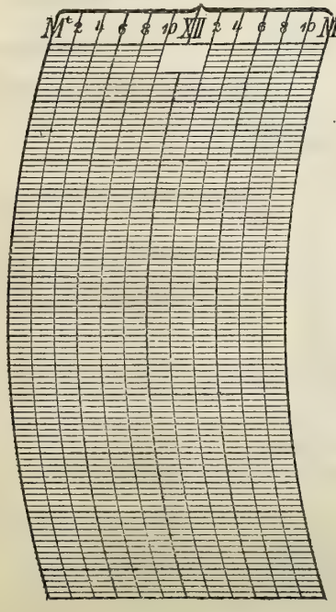
Extreme velocity, 17-SW-3.18 PM.

Relative humidity, 94 a. m., 92 p. m.

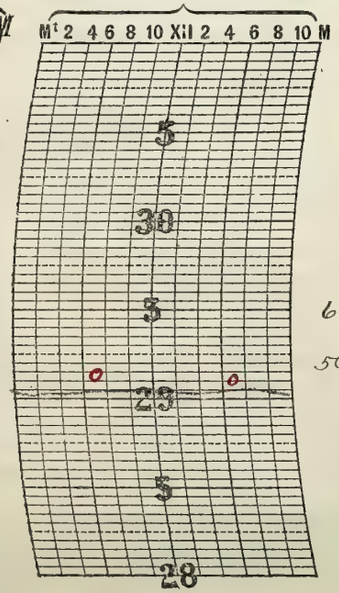
Reduced barometer, 29.94 a. m., 29.94 p. m.

River gage, 1.8 ft

THERMOGRAPH.



BAROGRAPH.



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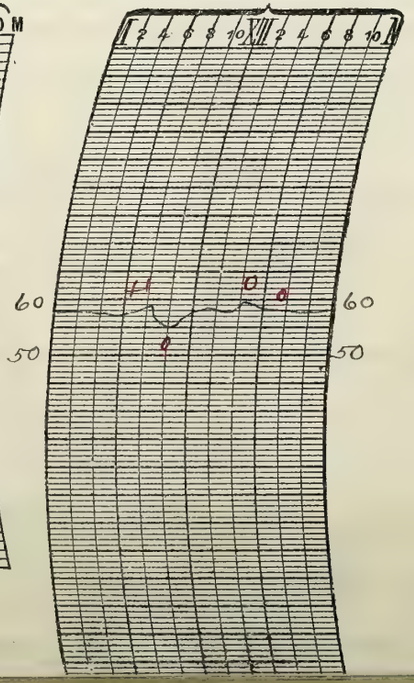


NOTES.

Prepared by J.F.C.

Verified by P.M.E.

FORM NO. 1012—REV. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	58	58	58	59	60	61	63	66	67	68
State of weather: Nature of precipitation and time of beginning and ending				RB DN RE DN								
Amounts of precipitation				T								
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character	4.42 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.2	0	0.6	0.3	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	SW
Wind movement	6	7	6	8	6	7	9	10	11	12	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	70	70	69	70	69	66	64	63	61	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy			PC	Clear				
Sunset: Time, Character									6.52 Cloudy			
Sunshine (in tenths of hours)	0.4	0	0	0	0	0	0					
Wind direction	W	SW	W	W	NW	NW	NW	NW	NW	NW	W	SW
Wind movement	13	11	10	9	8	7	5	5	5	3	4	5

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	58	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.5

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 11

Prevailing direction SW

Total movement, 190

Average hourly velocity, 7.9

Maximum velocity, 15 Direction, SW Time. Began 1.05 PM.

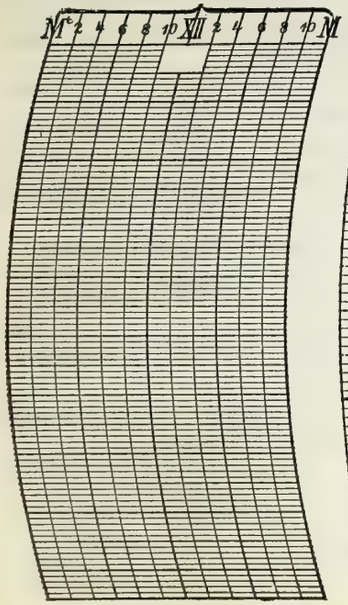
Extreme velocity, 16 SW 1.06 PM

Relative humidity, 90 a. m. / 74 p. m.

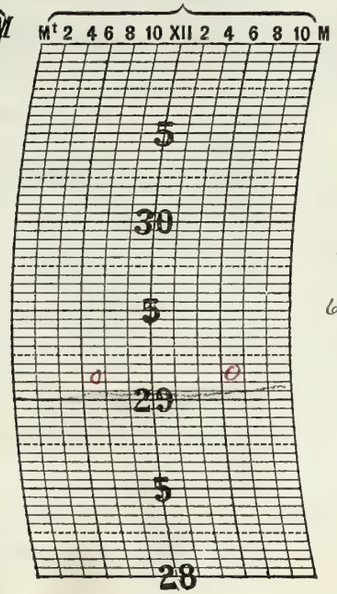
Reduced barometer, 29.94 a. m. / 29.94 p. m.

River gage,

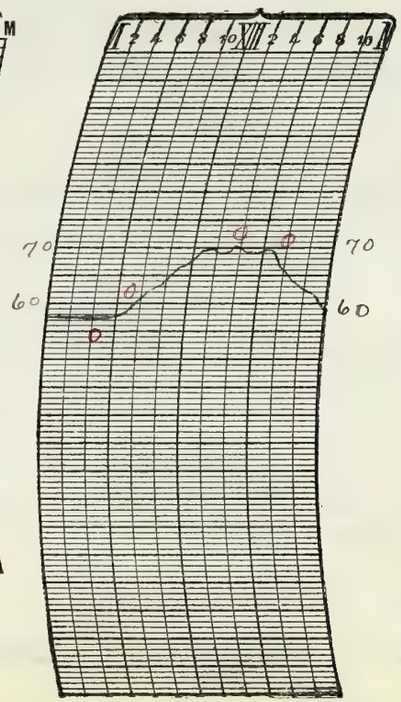
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.H.T.

Verified by J.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 7 1915, 191

Time (local standard) 10 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	58	58	58	58	64	69	72	74	77	78	80	81	82	82	80	75	73	71	70	70	67	67
State of weather: Nature of precipitation and time of beginning and ending																								RB DN
Amounts of precipitation																								T
Cloudiness and other conditions				←			6	Clear						Clear	×T.C.×			Cldy						→
Sunrise: Time, 4.43 Character, Clear					.28	1.0	1.0																	
Sunset: Time, 6.51 Character, Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	0.7	0.9	0.9	0.9	1.0	0.8	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW
Wind movement	4	4	4	4	4	4	3	6	7	8	9	9	9	10	12	12	11	7	5	7	2	3	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cldy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 10.6

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 75

Prevailing direction SW

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity, 16 Direction, SW Time. Began 2.58 PM

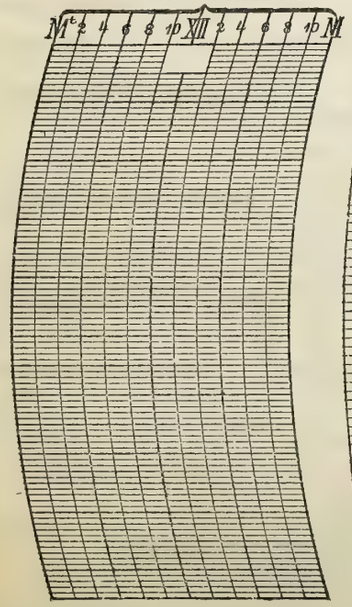
Extreme velocity, 16 - SW - 2.58 PM

Relative humidity, 87 a. m., 76 p. m.

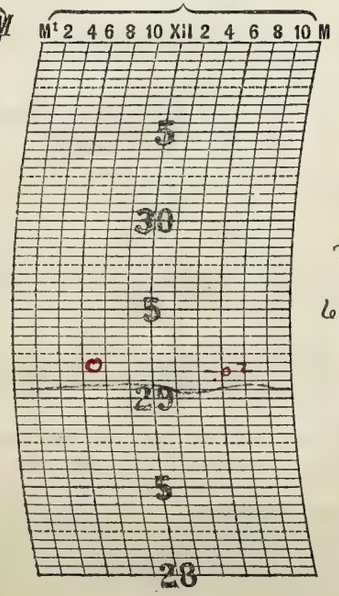
Reduced barometer, 29.98 a. m., 29.93 p. m.

River gage, 11.4 ft.

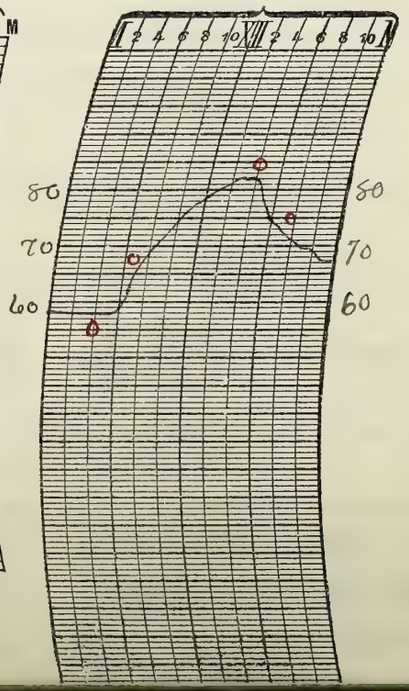
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HFC

Verified by PMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 8 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	65	64	64	63	66	68	70	75	79	81
Nature of precipitation and time of beginning and ending			RE DN									
Amounts of precipitation	.07	T	.02									
Cloudiness and other conditions					Cldy	×	Clear					
Sunrise: Time, Character,	4.44 Cloudy											
Sunshine (in tenths of hours)				0	0	0	0	0.5	1.0	0.8	1.0	1.0
Wind direction	S	S	S	SW	SW	N	NE	S	W	W	SW	SW
Wind movement	7	8	6	5	3	3	3	6	5	4	6	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	81	80	81	80	76	74	71	69	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Pt Cldy				×	Clear					
Sunset: Time, Character,									6.49 Cloudy			
Sunshine (in tenths of hours)	0.9	0.7	0	0	0.2	0	0					
Wind direction	W	NW	NW	NW	W	W	W	W	W	W	NW	NW
Wind movement	8	8	8	7	8	8	6	5	6	5	4	5

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 6.1

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 43

Prevailing direction W

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity, 13 Direction, S Time, Began 12.54 A.M.

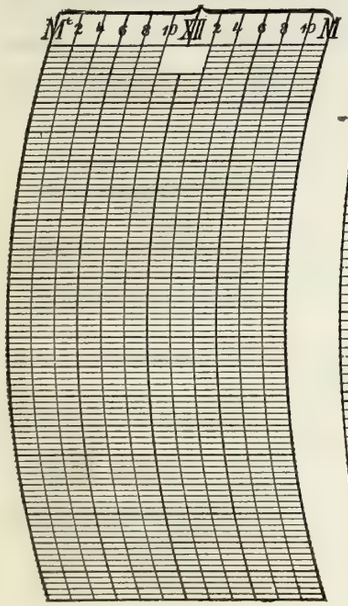
Extreme velocity, 15 – S – 12.54 A.M.

Relative humidity, 89 a. m., 76 p. m.

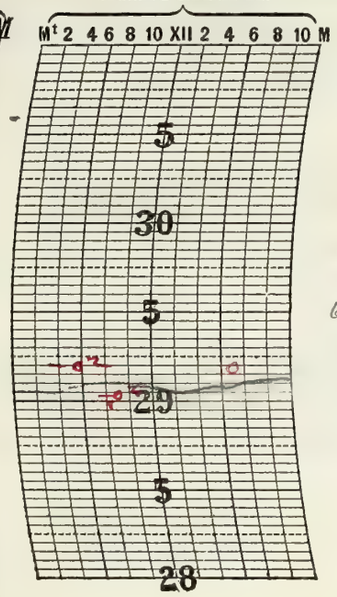
Reduced barometer, 29.95 a. m., 29.97 p. m.

River gage, 11.4 ft.

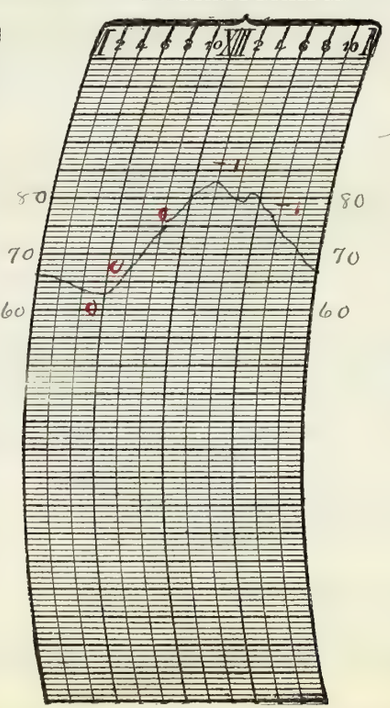
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Thunder was first heard at 12.15 A.M.
Sky cleared at 6.20 A.M.

Prepared by
Verified by P. McD

8—486

Form No. 1014—Mot'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 9 1915, 191

Time (local standard) 10 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	62	61	61	64	69	73	75	76	78	79	80	80	80	79	78	74	73	72	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear							×			Pt Cloudy						→		
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.1	0	0					
Wind direction	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	4	4	5	3	4	5	4	4	5	6	7	8	10	10	10	9	9	7	4	2	2	3	4	3
Maximum velocities (exceeding 15 miles) direction and time																								

Sunrise: Time, 4.44 Character, Clear

Sunset: Time, 6.48 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			.27	1.0	1.0	0.1														

	Maximum.	Minimum.	Mean.	Normal.
	80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 10.7

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 76

Prevailing direction NW.

Total movement, 132

Average hourly velocity, 5.5

Maximum velocity, 14 Direction, NW Time. Began 2.33 PM

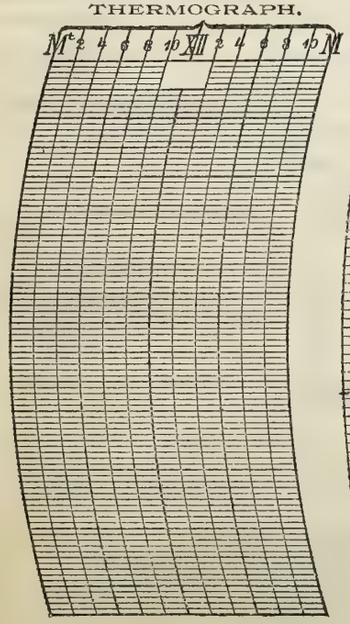
Extreme velocity, 14 - NW 2.33 PM

Relative humidity, 85 a. m., 70 p. m.

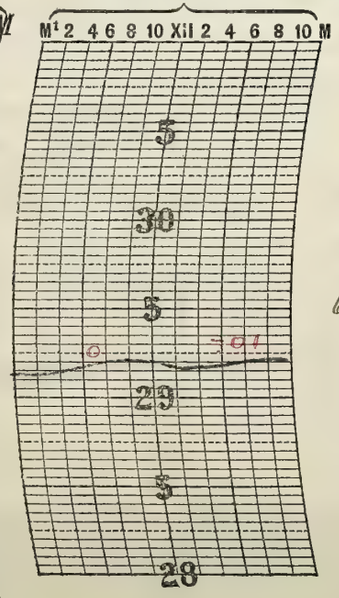
Reduced barometer, 30.06 a. m., 30.05 p. m.

River gage, 10.6 ft

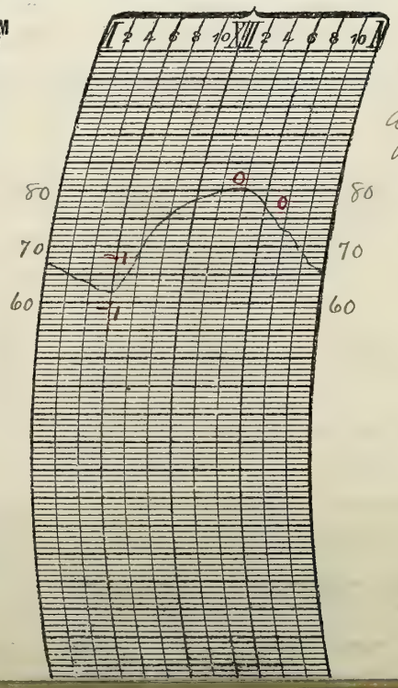
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci. St. clouds prevailed during the afternoon.

Prepared by W.P.C.

Verified by P.M.G.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 10 1915, 191

Time (local standard), 76 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	62	61	61	65	68	71	74	76	77	77	78	77	77	76	75	74	73	71	70	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy										Cloudy						
Sunrise: Time, Character,	4.45 Cloudy																				Sunset: Time, Character, 6.47 Cloudy			
Sunshine (in tenths of hours)					0	0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	5	5	5	5	3	3	2	5	7	4	6	6	6	6	5	3	4	4	4	5	5	6	6
Maximum velocities (exceeding ---- miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
78	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase New Moon 6.52 P.

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 6.6

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 47

Prevailing direction E.

Total movement, 114

Average hourly velocity, 4.8

Maximum velocity, 8 Direction, NE Began 9.43 AM

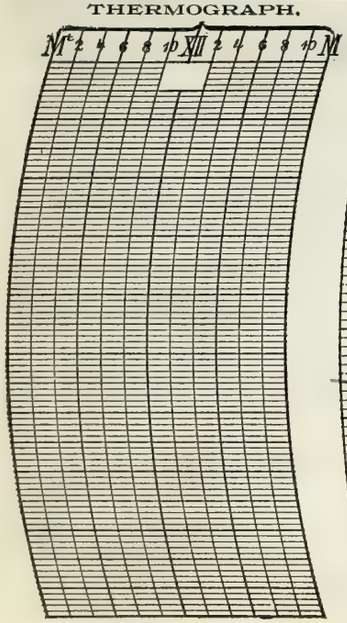
Extreme velocity, 8 NE 9.43 AM

Relative humidity, 96 a. m. 72 p. m.

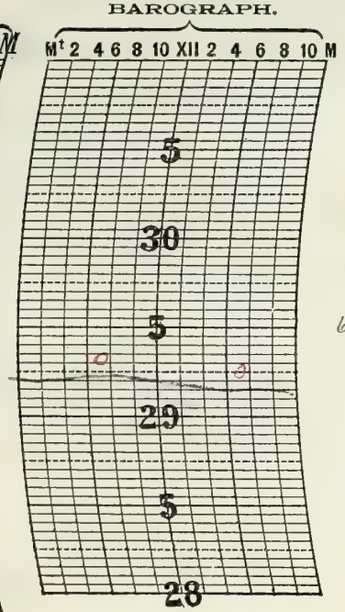
Reduced barometer 30.12 a. m. 30.04 p. m.

River gage, 9.7 ft.

THERMOGRAPH.



BAROGRAPH.



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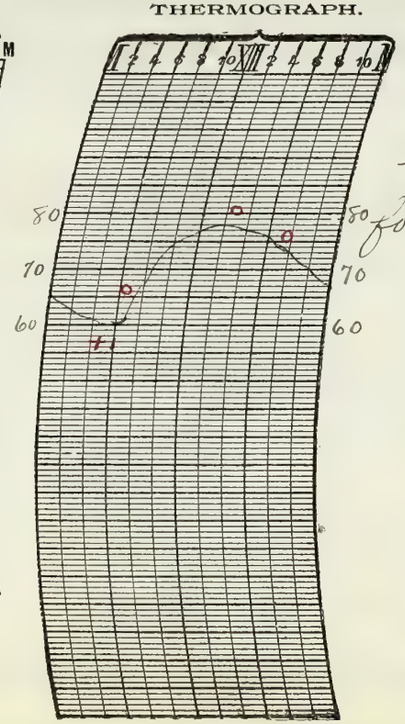


NOTES

Heavy dew formed in the morning. Ci. Cu. and Ci. St. prevailed during the forenoon and the afternoon till 1.50 P.M.

Prepared by [illegible]

Verified by P. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 11 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	66	65	64	63	64	64	64	64	64	63
Nature of precipitation and time of beginning and ending				TPB DW								
Amounts of precipitation				T	.03	T	.01	.03	.09	.06	.04	.19
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4.47 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	E	NE	NE	E	NE	E	NE	NE	NE
Wind movement	6	6	7	6	8	9	7	7	5	6	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	62	63	63	63	63	63	63	63	63	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.21	.08	.01	.01	.01	T	.01	T	T	T	T	T
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									6.45 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	12	12	12	11	11	9	9	8	9	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .75 ins.

Total precipitation, midnight to midnight, .78 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 0

Prevailing direction NE.

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity, 17 Direction, NE Time. Began 12.45 P.M.

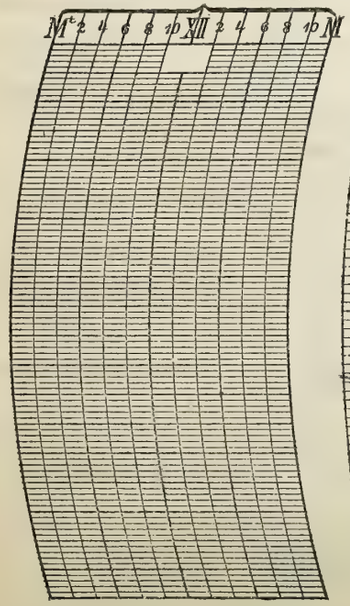
Extreme velocity, 17 – NE – 12.45 P.M.

Relative humidity, 97 a. m., 100 p. m.

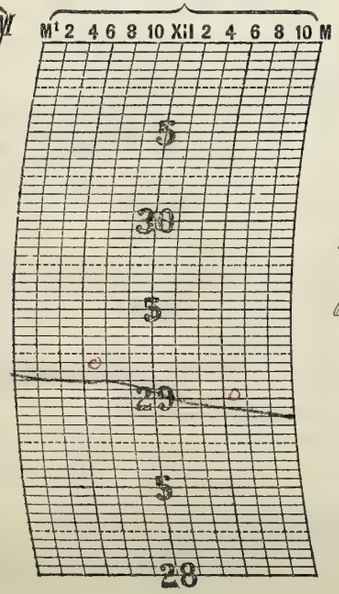
Reduced barometer, 30.01 a. m., 29.84 p. m.

River gage, 9.0 ft.

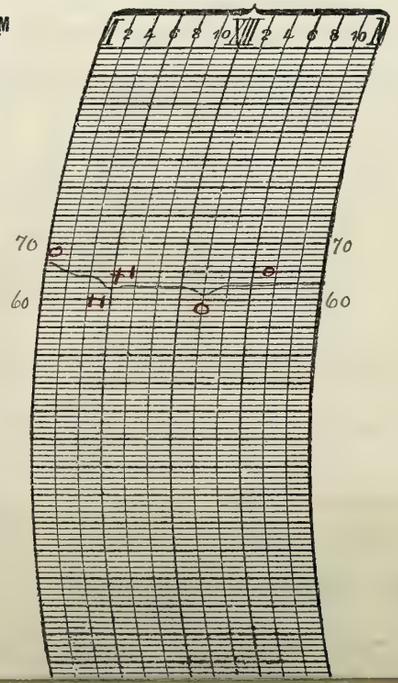
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light rain fell all day

Prepared by H.F.C.

Verified by P.M.C.D.

Form No. 1012—Mo. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 12 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	64	64	64	65	66	66	67	68	70	70	69	70	68	66	64	64	66	66	65	65	65	64
State of weather: Nature of precipitation and time of beginning and ending							RE 6.10	RB 7.20 RE 7.50								RB 3.20		RE 5.30				RB 9.15 RE 9.35		
Amounts of precipitation	T	.01	T	T	.01	T	T	T								T	.15	.02				T		
Cloudiness and other conditions						Cloudy										Cloudy								
Sunrise: Time, 4.48 Character, Cloudy																					Sunset: Time, 6.44 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	E	E	E	E	S	S	S	SW	SW	S	S	S	SW	SW	SW	SW	W	W	NW	W	W
Wind movement	7	6	5	5	6	4	4	6	9	11	9	12	14	16	11	12	11	9	9	6	5	6	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

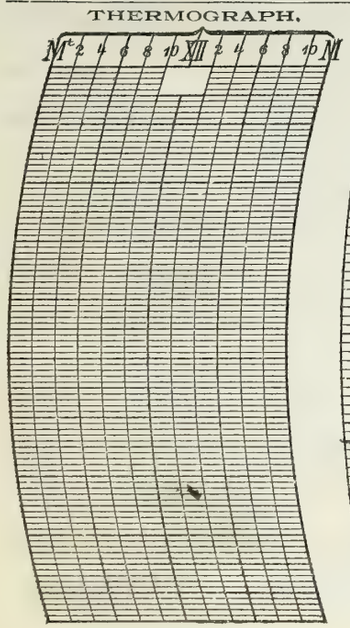
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts:																			

1 hours slower than 75th meridian time.

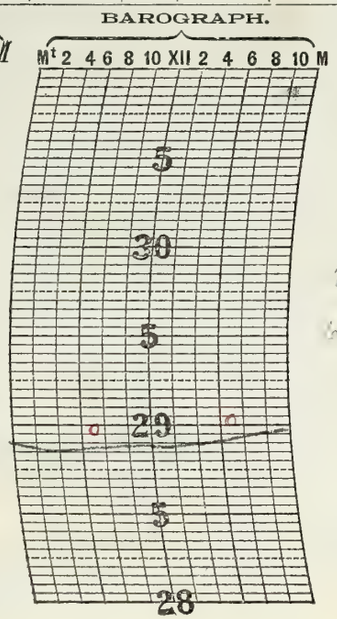
Maximum.	Minimum.	Mean.	Normal.
70	63	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.1
Possible sunshine, hours, 13.9
Percentage of possible sunshine,
Prevailing direction S. SW.
Total movement, 196
Average hourly velocity, 8.2
Maximum velocity, 19 Direction, S Began 1.30 P.M.
Extreme velocity, 20-S-1.31 P.M.
Relative humidity, 100 a. m. 97 p. m.
Reduced barometer, 29.77 a. m. 29.83 p. m.
River gage, 7.8 ft.

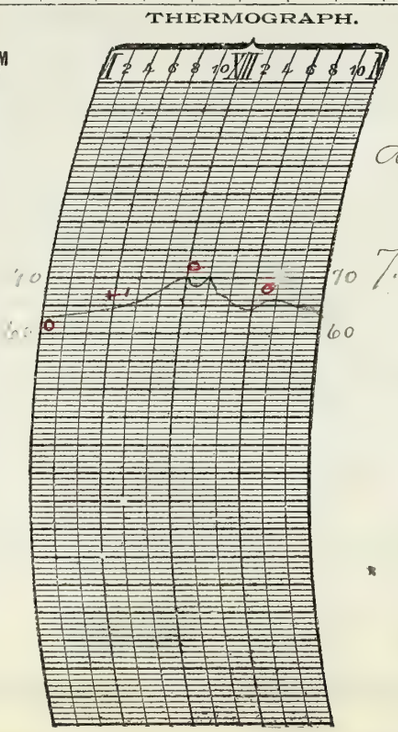
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog prevailed from D. N. A. to 6.25 A.M. and from 7.05 A.M. to 7.40 A.M.
Dense fog prevailed from 6.25 A.M. to 7.05 A.M.

Prepared by J.F.C.
Verified by P.M.C.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 1 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	63	64	65	68	70	72	75
Nature of precipitation and time of beginning and ending				RB DN	RE DN			RB 7.10 RE 7.40				
Amounts of precipitation				T	.01			T				
Cloudiness and other conditions						Cloudy				×	P.C.	
Sunrise: Time, 4.49 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.4	0.2	0.9
Wind direction	W	W	W	W	W	W	W	W	W	NW	W	W
Wind movement	9	7	5	7	7	6	7	9	8	8	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	78	77	66	69	70	69	70	69	67	66	65
Nature of precipitation and time of beginning and ending				RB 3.07	RE 4.45							
Amounts of precipitation				.20	T							
Cloudiness and other conditions			×		Cloudy							
Sunset: Time, 6.43 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0.8	0	0	0	0	0					
Wind direction	W	W	SW	NW	SW	SW	W	W	W	W	W	SW
Wind movement	7	7	9	10	4	4	4	5	5	5	5	6

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.5

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 18

Prevailing direction W

Total movement, 158

Average hourly velocity, 6.6

Maximum velocity, 15 Direction, W Time. Began 3.44 P.M.

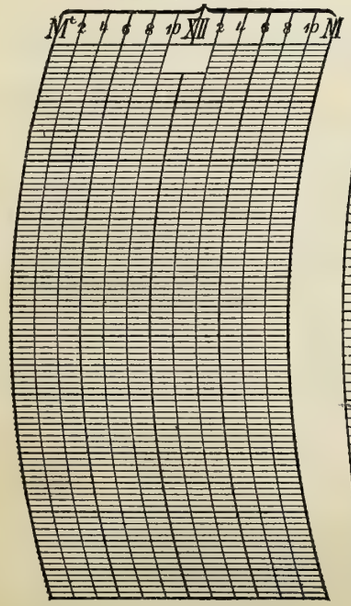
Extreme velocity, 15 - W - 3.44 P.M.

Relative humidity, 95 a. m. 93 p. m.

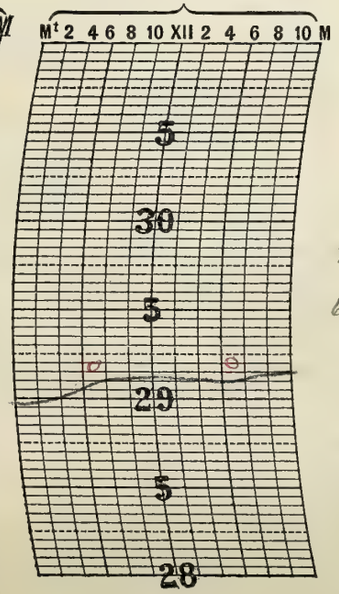
Reduced barometer, 30.02 a. m. 30.02 p. m.

River gage, 7.9 ft.

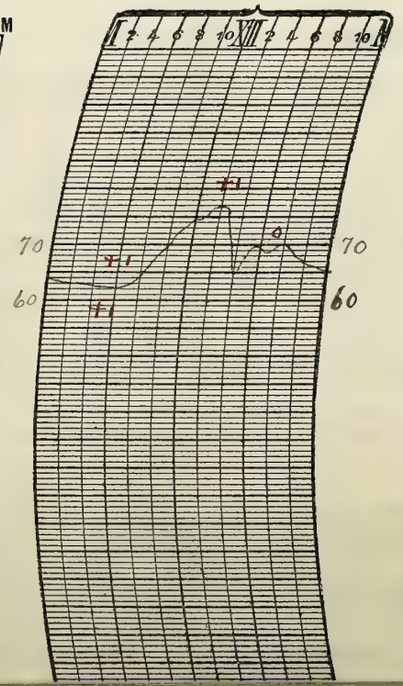
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HPC

Verified by P.McD.

Form No. 1012—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Aug 14 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	64	64	65	66	68	72	71	72	72	71	74	73	73	73	72	71	70	68	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Pt Cldy				Cldy					
Sunrise: Time, 4.50 Character, Cloudy																					Sunset: Time, 6.41 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0.3	0.2	0.4	0.3	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	S	S	S	S	S	S	S	S	S	S
Wind movement	5	5	7	4	1	4	4	7	7	8	9	7	8	5	6	6	6	5	3	1	2	0	1	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	64	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.2

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 9

Prevailing direction SW

Total movement, 112

Average hourly velocity, 4.7

Maximum velocity, 10 Direction, SW Began 9.40 A.M.

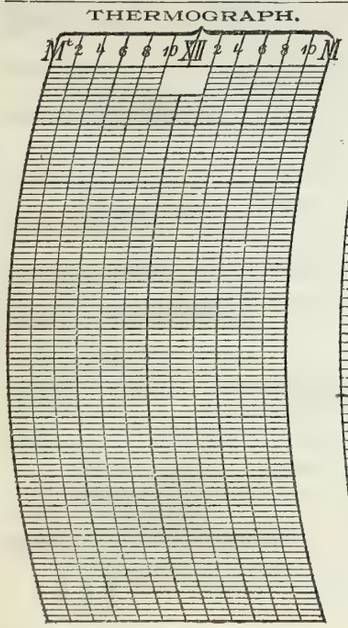
Extreme velocity, 10 - SW - 9.40 A.M.

Relative humidity, 87 a. m. 79 p. m.

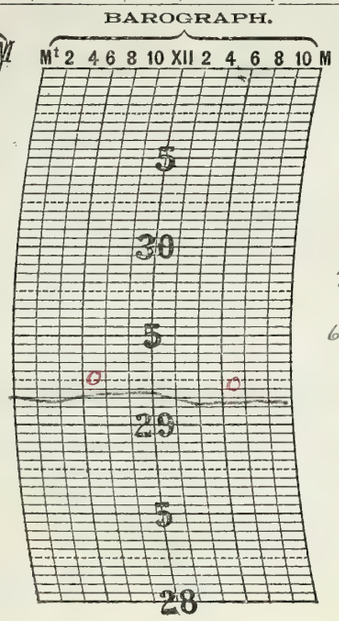
Reduced barometer, 30.09 a. m. 30.04 p. m.

River gage, 7.9 ft.

THERMOGRAPH.



BAROGRAPH.



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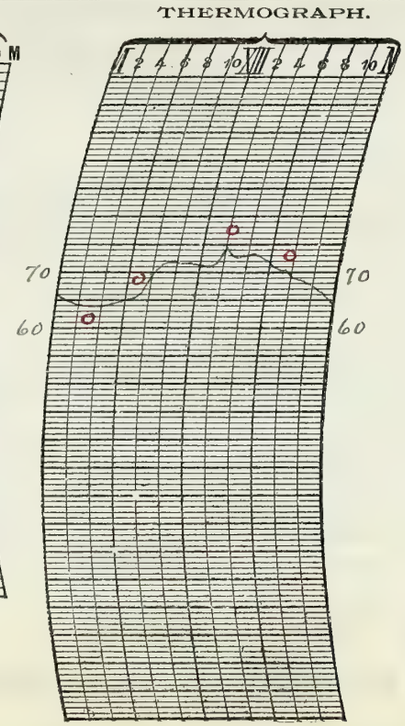


NOTES.

Prepared by J.A.W.

Verified by J. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 15 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	60	61	64	69	72	75	78	80	81	82	82	83	82	79	77	74	72	70	69	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							6 Clear								6 Clear									
Sunrise: Time, Character,	4.51 Clear																				Sunset: Time, Character,	6.40 Cloudy		
Sunshine (in tenths of hours)					.15 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.8	0.5	0	0					
Wind direction	S	S	S	SW	W	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	2	6	5	5	6	5	8	8	6	6	7	6	9	9	10	8	6	5	5	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

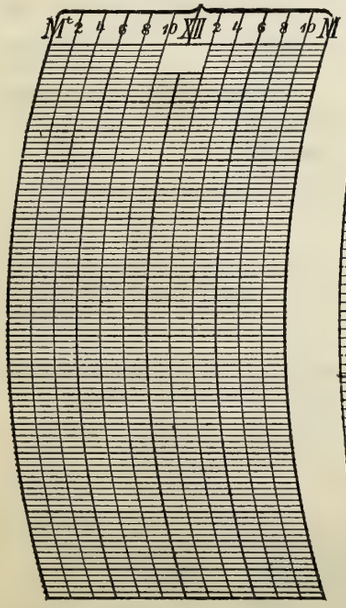
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
83	60	72.1	

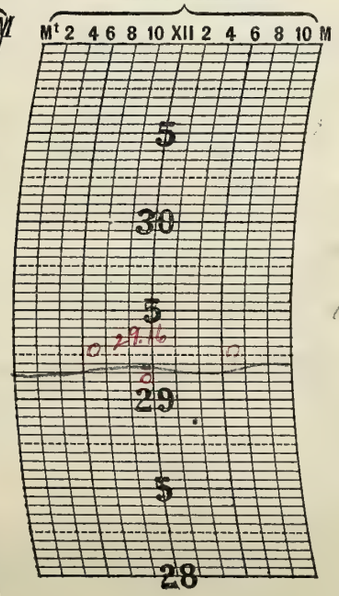
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 10.4
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 139
Average hourly velocity, 5.8

Maximum velocity, 12 Direction, SW Time. Began 2.01 P.M.
Extreme velocity, 12 - SW - 2.01 P.M.
Relative humidity, 92 a. m. 77 p. m.
Reduced barometer, 30.08 a. m. 30.00 p. m.
River gage, 7.4 ft.

THERMOGRAPH.



BAROGRAPH.



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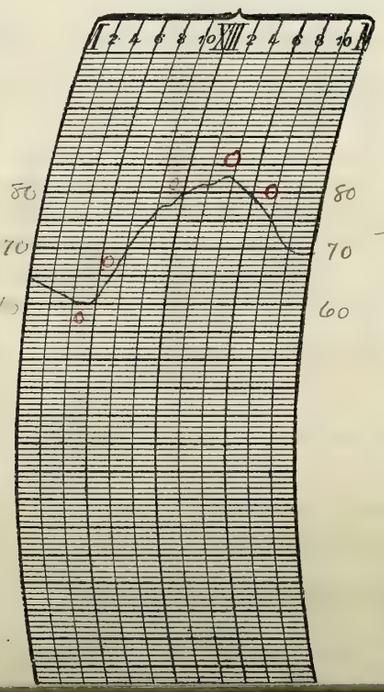


NOTES.

The sky was cloudless until 10.00 A.M. Some St. and Ci. St. clouds prevailed during the remainder of the day

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible] 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	66	66	65	65	68	75	77	80	81	82	83	84	82	81	80	80	78	77	75	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																						RB 9.15		RE
Amounts of precipitation																						T	T	.01
Cloudiness and other conditions				← Pt Cldy											→ Pt Cldy									
Sunrise: Time, 4.52 Character, Cloudy																					Sunset: Time, 6.39 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.7	0.6	0.8	0.8	1.0	0.8	0.9	0.6	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW
Wind movement	6	6	5	6	6	5	6	8	8	10	11	11	12	11	11	8	7	5	4	3	5	4	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 6.2

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 175

Average hourly velocity, 7.3

Maximum velocity, 14 Direction, SW Time. Began 10.33 P.M.

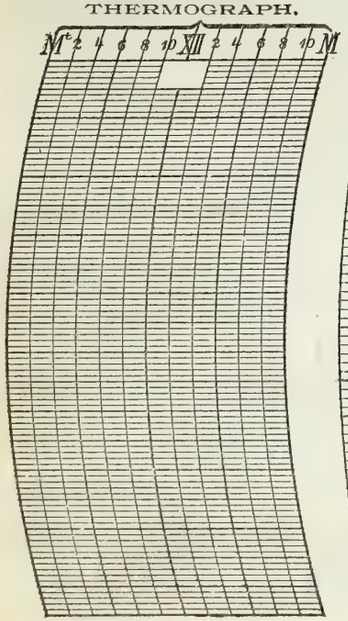
Extreme velocity, 15 - SW 10.33 P.M.

Relative humidity, 89 a. m., 75 p. m.

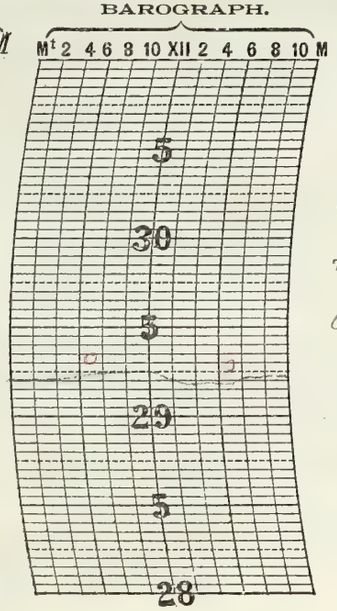
Reduced barometer, 30.15 a. m., 30.06 p. m.

River gage, 6.9 ft

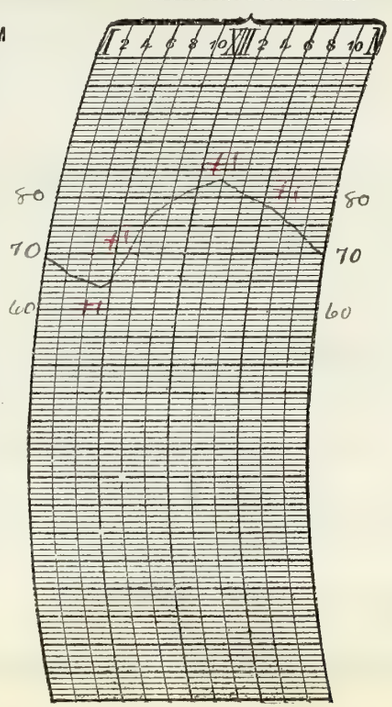
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dew deposit in the morning

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 17 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	69	69	68	68	68	67	62	60	60	62	63	64	63	63	64	65	64	63	61	59	58	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Cloudy × P. Cldy. →										
Sunrise: Time, 4.53 Character, Cloudy																					Sunset: Time, 6.37 Character, Cloudy			
Sunshine (in tenths of hours)					0.0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0					
Wind direction	W	W	NW	N	NW	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	6	6	4	8	12	13	19	16	16	15	16	12	15	13	13	7	8	9	9	7	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
71	55	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, First Quarter 10.17 p

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 1

Prevailing direction NE

Total movement, 253

Average hourly velocity, 10.5

Maximum velocity, 24 Direction, NE Time. Began 8.02 AM

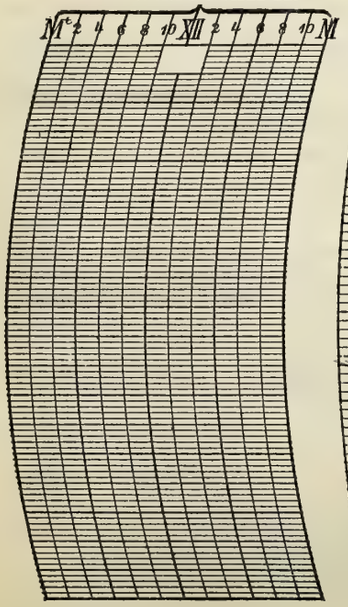
Extreme velocity, 24 NE 8.02 AM

Relative humidity, 95 a. m. 83 p. m.

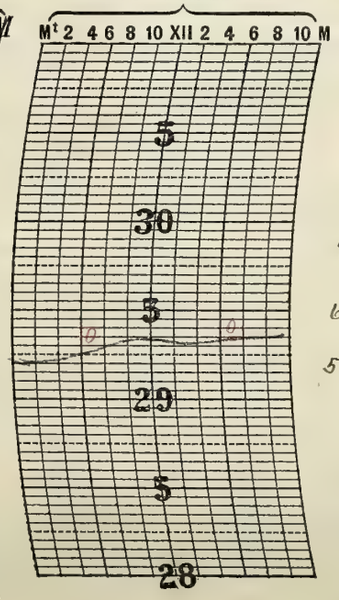
Reduced barometer, 30.18 a. m. 30.25 p. m.

River gage, 6.34

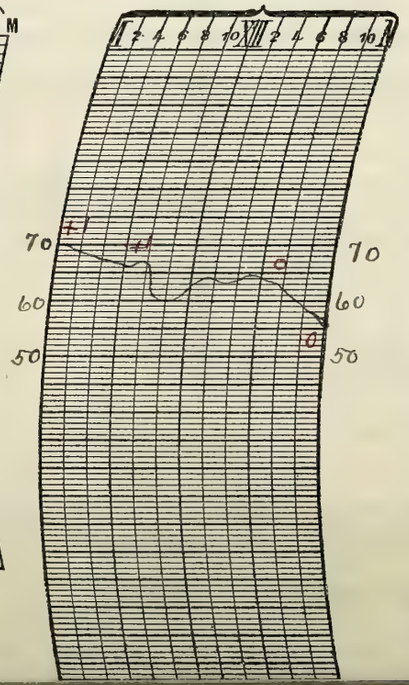
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HTC

Verified by PMC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 18 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	52	52	51	50	54	59	61	65	66	66	68	69	70	70	70	68	65	63	62	59	58	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←			Pt Cloudy					×	Clear						Clear					
Sunrise: Time, 4.57 Character, Cloudy																					Sunset: Time, 6.36 Character, Clear			
Sunshine (in tenths of hours)		1			0	0	0.2	0.3	0.5	0.8	1.0	0.8	0.9	1.0	1.0	1.0	0.6 / 0.4	1.0 / 0	.60 / 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	8	9	8	9	9	11	9	10	9	10	11	7	8	9	9	8	6	6	4	4	3	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

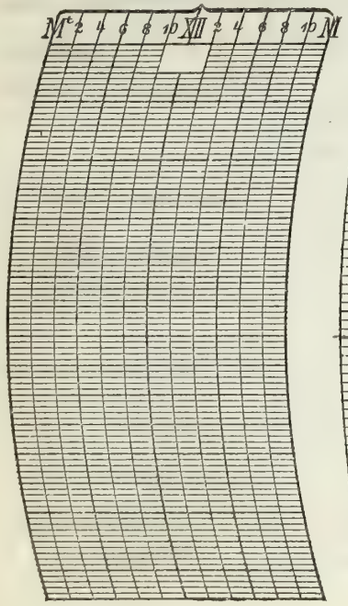
	Maximum.	Minimum.	Mean.	Normal.
Temperature	70	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 10.1
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 74
Prevailing direction NE
Total movement, 187
Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
13	NE	Began 7.21 AM

Extreme velocity, 13 – NE – 7.21 AM
Relative humidity, 85 a. m. 66 p. m.
Reduced barometer, 30.29 a. m. 30.19 p. m.
River gage, 5.8 ft.

THERMOGRAPH.



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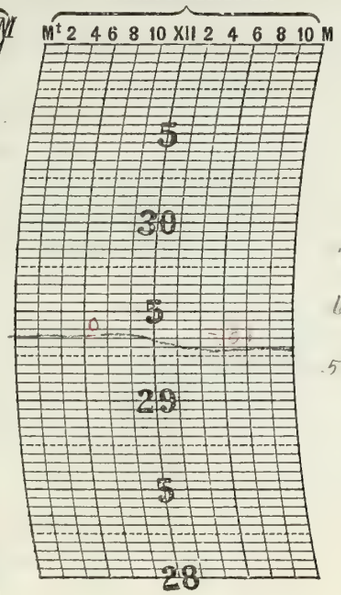

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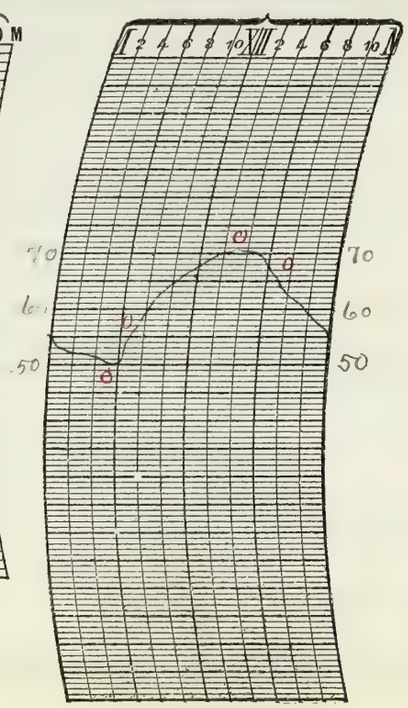


NOTES.

Prepared by H. T. C.
Verified by C. M. C. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	52	52	54	58	65	67	69	70	71	72	73	74	74	73	72	70	67	65	62	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								×	RG×				Cloudy				
Sunrise: Time, 4.55 Character, Clear													Sunset: Time, 6.34 Character, Cloudy											
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	O	E	E	E	E
Wind movement	3	4	4	3	2	3	2	3	4	6	7	9	7	7	6	5	4	3	2	0	1	3	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	52	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 10.5

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 77

Prevailing direction NE

Total movement, 95

Average hourly velocity, 4.0

Maximum velocity, 11 Direction, NE Time. Began 11.25 AM

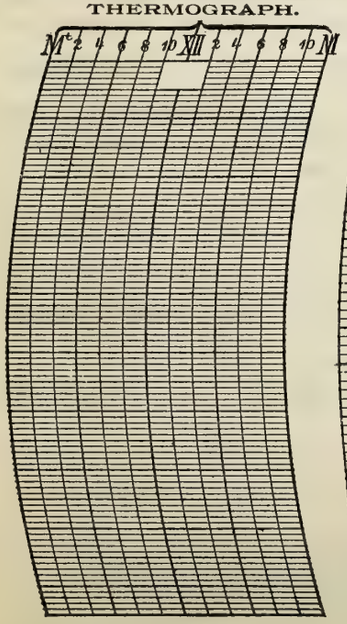
Extreme velocity, 11-NE-11.25 AM.

Relative humidity, 82 a. m., 62 p. m.

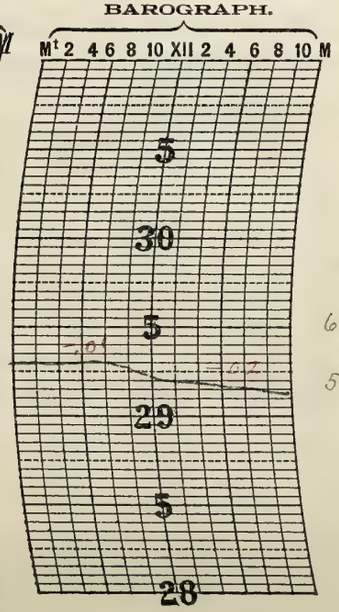
Reduced barometer, 30.21 a. m., 30.06 p. m.

River gage, 5.0 ft.

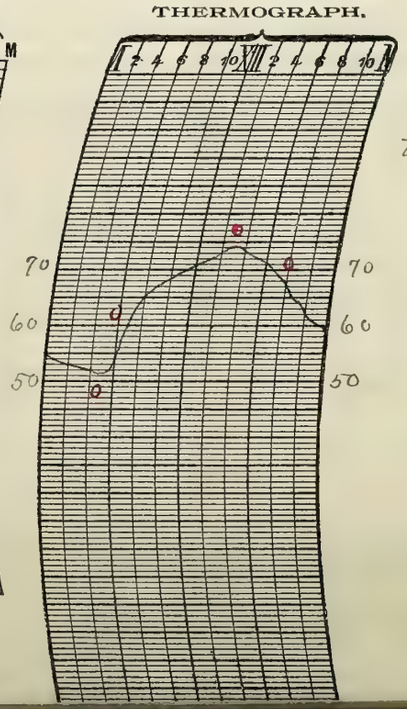
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A faint lunar halo of 22° circle was observed at 9.45 P.M.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 20 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	55	55	56	59	60	63	64	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 4.56 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	4	5	7	7	7	8	9	10	10	1
Maximum velocities (exceeding 25.9 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	64	64	64	64	64	64	64	64
State of weather: Nature of precipitation and time of beginning and ending	TRB 12.45											
Amounts of precipitation	T	T	T	.08	.08	.04	.08	.13	.24	.13	.11	.03
Cloudiness and other conditions						Cloudy						
Sunset: Time, 6.33 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	E
Wind movement	10	12	12	12	13	13	17	16	16	18	14	11
Maximum velocities (exceeding 25.9 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
66	53	60	

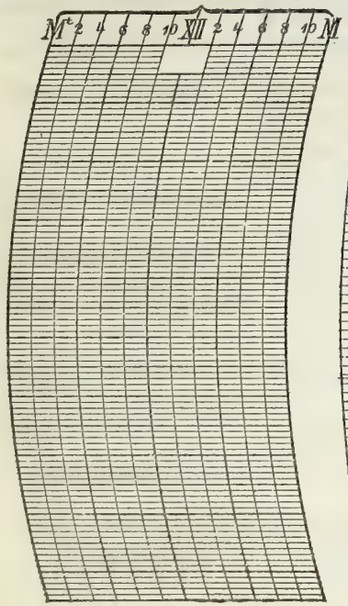
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .92 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 250
Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
21	NE	Began 7.55 P.M.

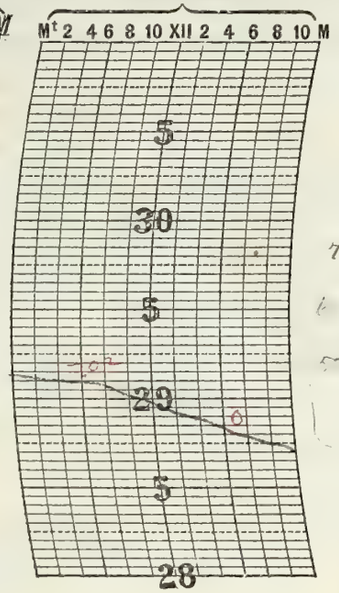
Extreme velocity, 23 - NE - 7.56 P.M.
Relative humidity, 85 a. m., 100 p. m.
Reduced barometer, 29.97 a. m., 29.71 p. m.
River gage, 4.6 ft

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

THERMOGRAPH.



BAROGRAPH.



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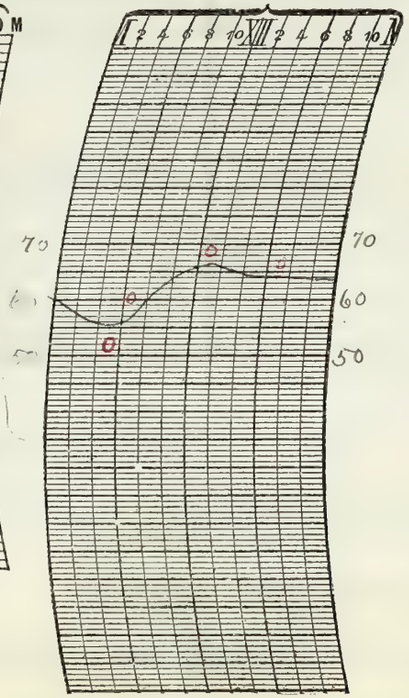


NOTES.

Prepared by
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 21 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	65	63	62	62	62	63	63	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.04	.08	.07	T	.01	.01	T	T	T	T	.02
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5.57 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	NE	E	E	E	SE	SE	SE	SE	SE	E	E
Wind movement	12	13	8	7	8	5	4	4	3	4	3	2
Maximum velocities (exceeding 25 miles) direction and time												

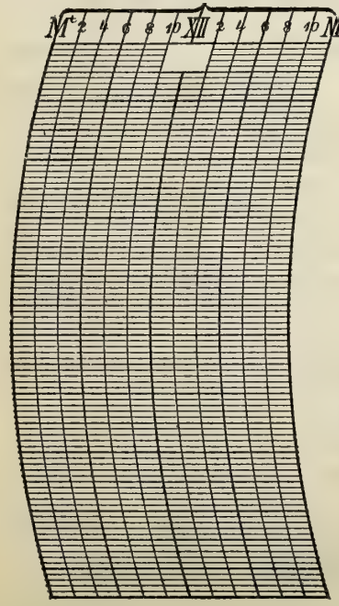
	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	65	65	65	64	64	64	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	.01	T	T	.01	T	T	T	T	
Cloudiness and other conditions				Cloudy								
Sunset: Time, 6.31 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	N	N	N	NW	NW	W	NW	NW	NW	NW	NW
Wind movement	2	6	6	4	6	8	6	11	12	13	11	10
Maximum velocities (exceeding 25 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

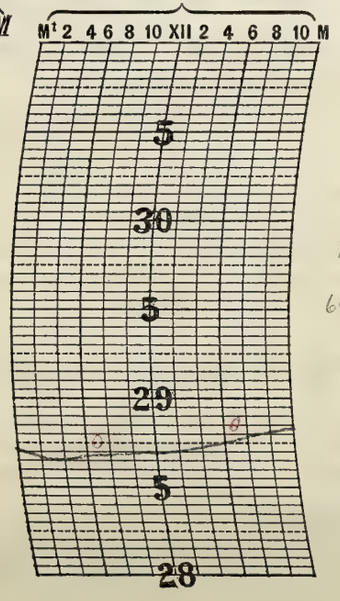
Maximum.	Minimum.	Mean.	Normal.
65	62		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours,
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 0
Prevailing direction E.
Total movement, 168
Average hourly velocity, 7.0
Maximum velocity, 17 Direction, NW Time. Began 9.52 PM
Extreme velocity, 17 - NW - 9.53 P.M.
Relative humidity, 96 a. m., 100 p. m.
Reduced barometer, 29.57 a. m., 29.65 p. m.
River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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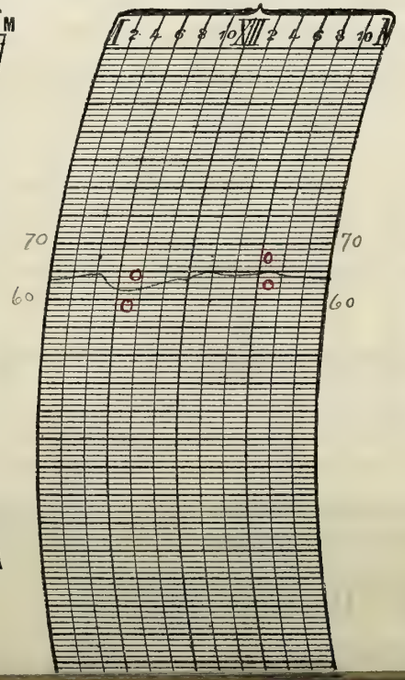


NOTES.

Light rain fell all day.

Prepared by JHC
Verified by PMcD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	65	66	68	70	73	75	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				RB			Clear	
Sunrise: Time, Character	4.58 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	1.0
Wind direction	NW	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	10	9	7	9	9	9	8	10	11	14	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	78	78	77	75	71	69	66	64	62	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, Character									6.30 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.9	0.7 / 0.3	1.0 / 0	.50 / 0					
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	13	12	11	11	9	6	6	5	3	4	4	5

State of weather.

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	78	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 10.8

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 80

Prevailing direction W

Total movement, 314

Average hourly velocity, 8.9

Maximum velocity, 17 Direction, NW Began 10.14 AM

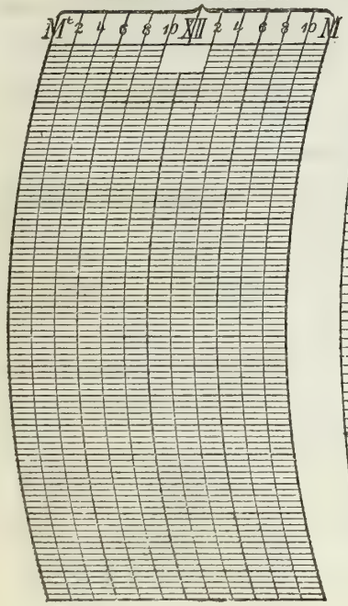
Extreme velocity, 18 NW - 10.15 AM

Relative humidity, 92 a. m. 64 p. m.

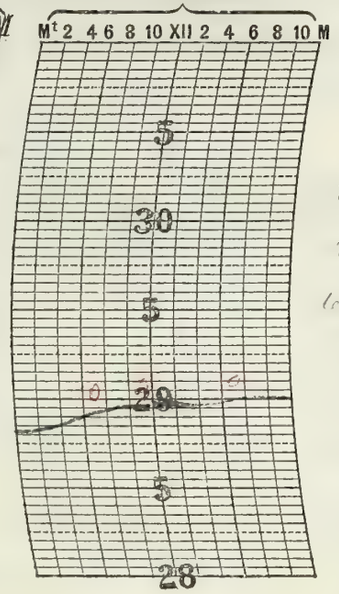
Reduced barometer, 29.84 a. m. 29.87 p. m.

River gage, 6.3 ft.

THERMOGRAPH.



BAROGRAPH.



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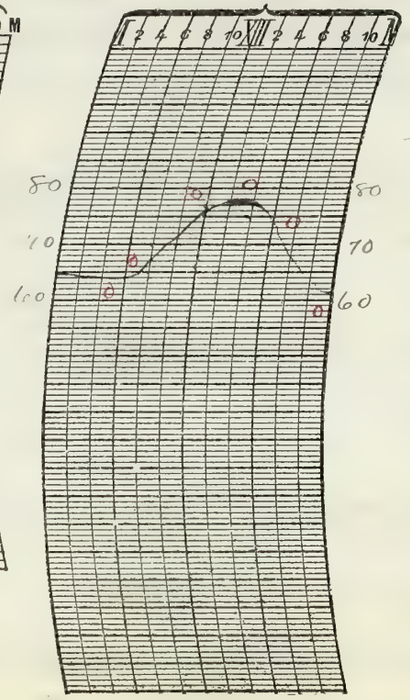


NOTES.

Sky cleared at 7.30 A.M.
Sky cloudless from 7.40 A. to 11.30 A.M.

Prepared by HPC
Verified by WED

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 23 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	59	58	58	58	58	62	68	72	75	77	77	78	79	78	78	77	76	74	71	70	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear								
Sunrise: Time, Character	4.59 Clear																				Sunset: Time, Character			
Sunshine (in tenths of hours)					.02 0	1.0 0	1.0 0	.05 .05	.08	.09	.09	.07	.07	1.0	1.0	.01 .09	1.0 0	1.0 0	.47 0		6.28			Clear
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	6	8	7	7	6	7	8	9	11	13	14	14	15	13	12	10	8	6	7	7	9	8	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10)

Actual sunshine, hours, 12.5

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 93

Prevailing direction SW

Total movement, 216

Average hourly velocity, 9.0

Maximum velocity, 16 Direction, SW Time. Began 10.38 AM

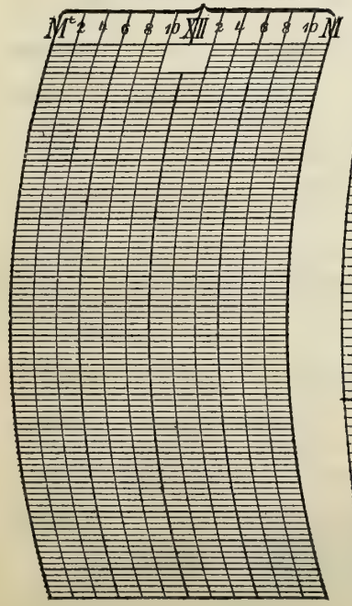
Extreme velocity, 18 SW 10.40 AM

Relative humidity, 89 a. m. 69 p. m.

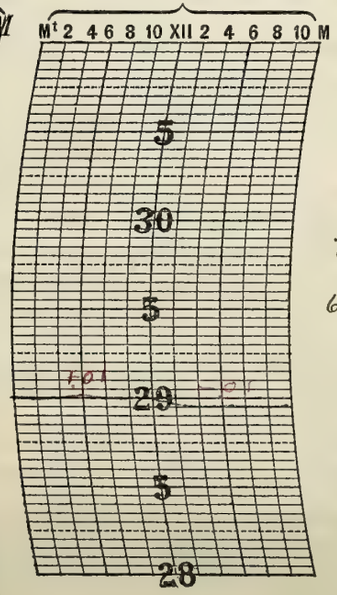
Reduced barometer, 29.95 a. m. 29.84 p. m.

River gage, 7.9 ft

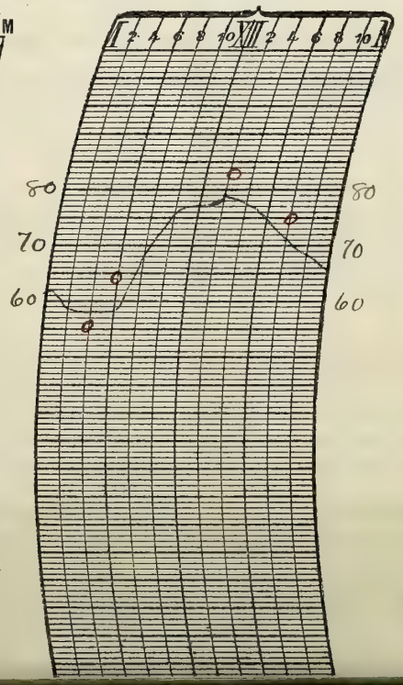
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew formed in the early morning

Prepared by H.T.C.

Verified by C.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 24 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	64	64	64	66	66	68	68	73	77	78 76	76	71	70	68	65	63	60	58	58	59	59
State of weather: Nature of precipitation and time of beginning and ending									RB 8.55	RE 9.20														
Amounts of precipitation									T	.01														
Cloudiness and other conditions				← Cloudy							× Pt Cldy				×			Clear					→	
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	1.0	0.7	0.9	0.9	0.4 0.6	1.0 0	1.0 0	.45 0					
Wind direction	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	8	8	8	8	8	10	9	9	12	13	14	16	16	16	15	13	13	7	7	4	5	7
Maximum velocities (exceeding 19 miles) direction and time																								

Sunrise: Time, 5.00 Character, Cloudy

Sunset: Time, 6.27 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase, Full Moon 5.40 P

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.8

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 58

Prevailing direction, NW

Total movement, 240

Average hourly velocity, 10.0

Maximum velocity, 19 Direction, NW Time. Began 2.40 P.M.

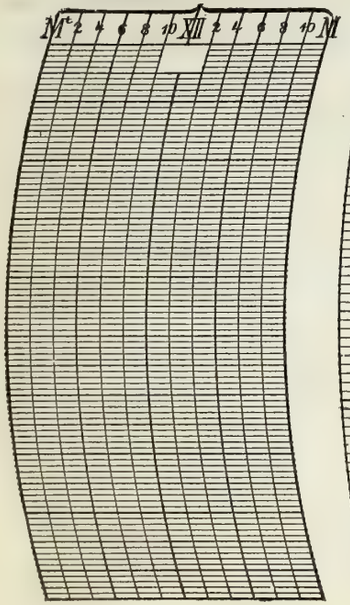
Extreme velocity, 20 - NW - 2.40 P.M.

Relative humidity, 95 a. m., 78 p. m.

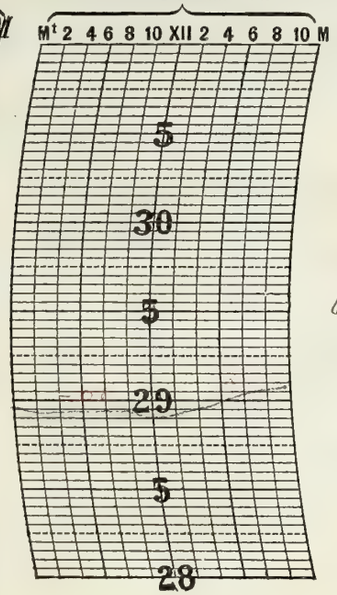
Reduced barometer, 29.83 a. m., 29.92 p. m.

River gage, 9.1 ft.

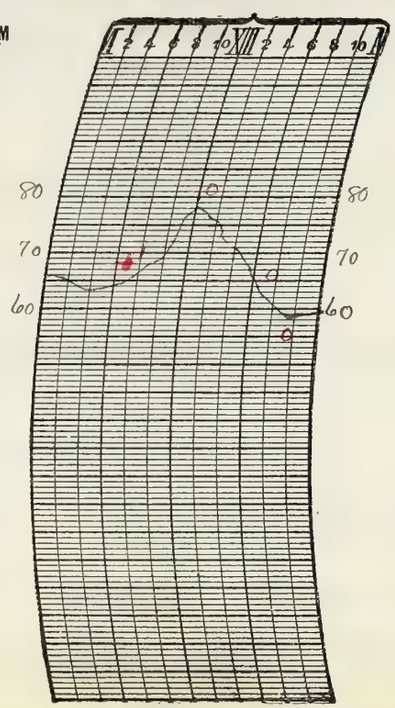
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.F.C.

Verified by J. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 2 0 1905, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	56	56	57	57	58	58	59	60	61	62	64	64	66	66	65	64	63	61	59	57	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy												Cloudy								
Sunrise: Time, 5.00 Character, Cloudy																					Sunset: Time, 6.25 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.5	0	0.3	0.2	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W	SW	SW	SW	W	W	W	W	W	SW
Wind movement	5	8	6	7	6	6	6	7	8	8	5	6	11	9	9	9	9	8	6	5	4	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	54	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 1.0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 7

Prevailing direction W.

Total movement, 165

Average hourly velocity, 6.9

Maximum velocity, 13 Direction, SW Time. Began 12.36 P.M.

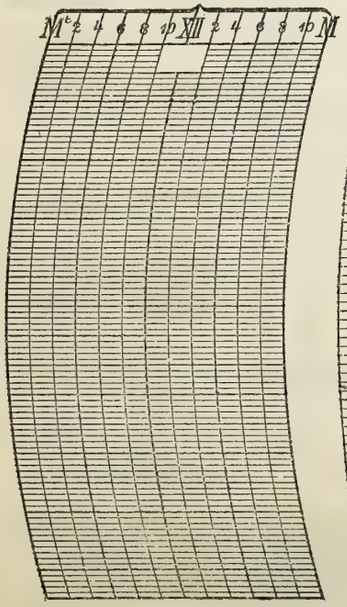
Extreme velocity, 13 - SW - 12.36 P.M.

Relative humidity, 89 a. m. 72 p. m.

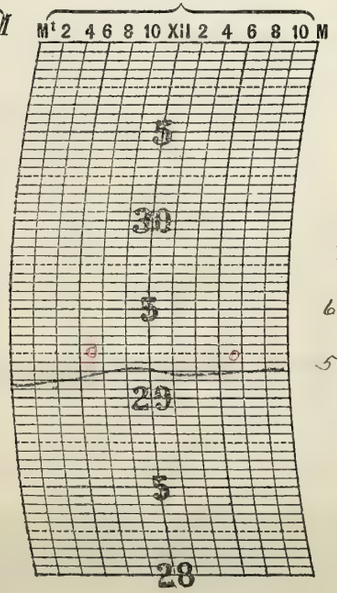
Reduced barometer, 30.05 a. m. 30.06 p. m.

River gage, 9.0 ft.

THERMOGRAPH.



BAROGRAPH.



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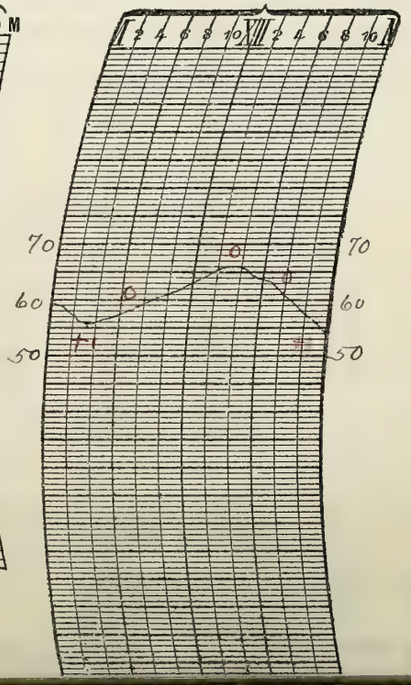


NOTES.

Prepared by HTC
Verified by Pmed.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 26 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	52	52	51	53	55	57	61	62	63	65	67	67	67	67	65	63	61	60	59	58	57	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy × P. Cdy						×			Cloudy								
Sunrise: Time, Character,	5.02 Cloudy																				Sunset: Time, Character, 6.24 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.6	0.5	0.8	1.0	1.0	0.1	0	0	0	0	0					
Wind direction	SW	SW	SSW	SW	SW	SW	N	N	NE	NE	NE	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	7	5	6	4	7	1	3	4	10	12	10	8	9	6	7	9	8	9	13	10	8	9	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	51	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 4.0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 30

Prevailing direction NE

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity, 18 Direction, NE Time. Began 7.56 P.M.

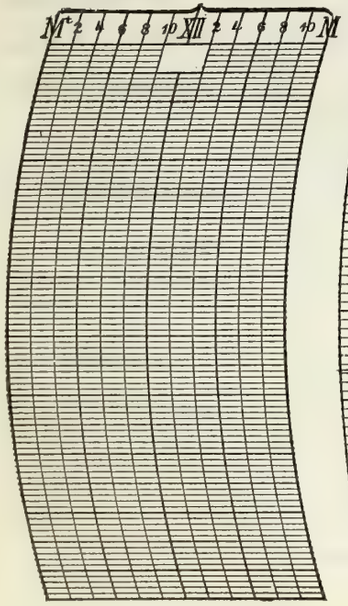
Extreme velocity, 18 NE 7.57 P.M.

Relative humidity, 95 a. m. 69 p. m.

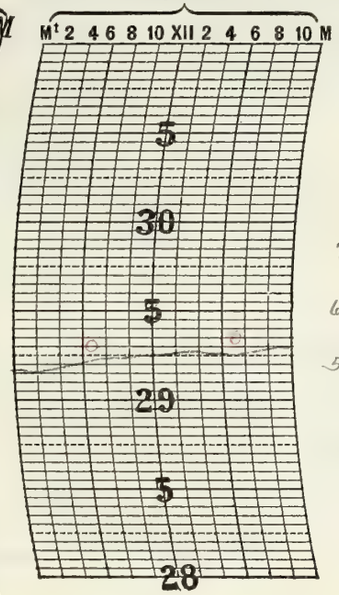
Reduced barometer, 30.15 a. m. 30.16 p. m.

River gage, 8.6 ft.

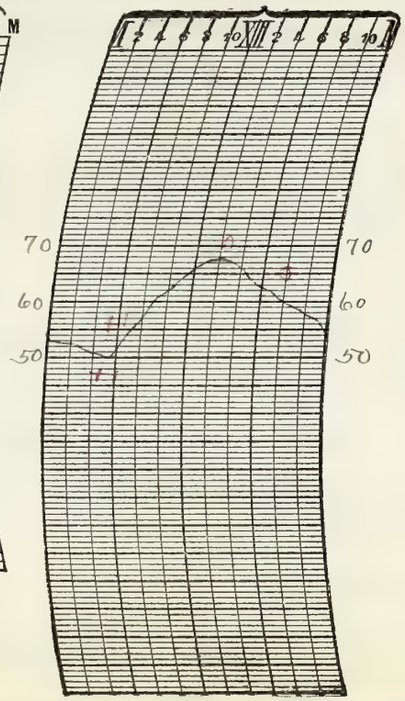
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Heavy dew formed in the morning.

Prepared by HTC
Verified by J. M. W.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 27 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	50	49	49	50	55	57	60	62	65	66	67	68	68	66	64	61	58	56	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cldy				Clear						Clear								→
Sunshine (in tenths of hours)						0	0	0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	12	10	10	11	11	13	11	13	13	11	12	12	12	12	12	9	8	6	6	7	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5.03 Character, Cloudy

Sunset: Time, 6.22 Character, Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 10.1

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 76

Prevailing direction NE

Total movement, 239

Average hourly velocity, 10.0

Maximum velocity, 16 Direction, NE Time. Began 10.20 AM.

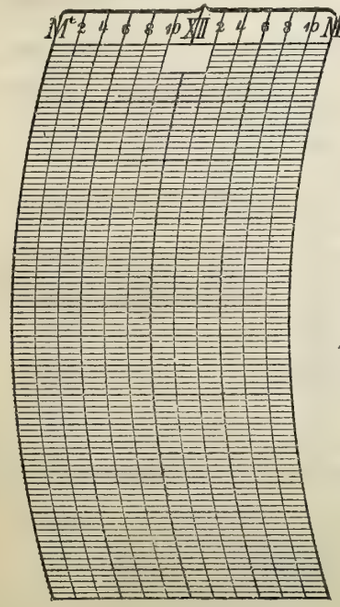
Extreme velocity, 17-NE-10.20 AM.

Relative humidity, 90 a. m. 71 p. m.

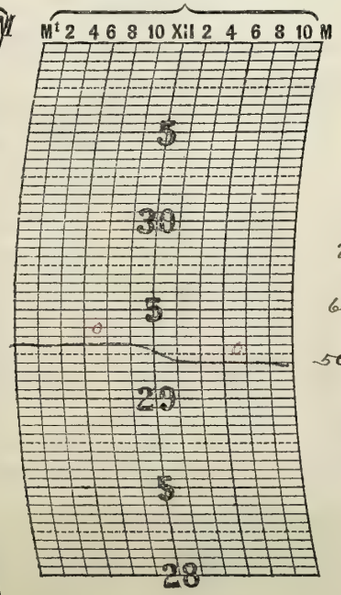
Reduced barometer, 30.26 a. m. 30.11 p. m.

River gage, 8.2 ft.

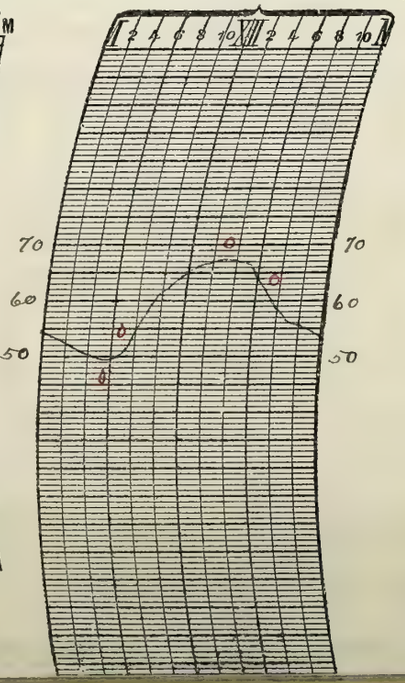
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J.H.C.

Verified by C.McD.

Form No. 1012—M6T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 28 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	52	52	52	53	52	57	61	65	67	69	70	71	72	73	72	71	69	67	64	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy										Pt Cloudy									→
Sunrise: Time, Character,	5.04 Cloudy																							
Sunset: Time, Character,																					6.21 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.4	0.9	0.8	0.4	0.8	0.5	1.0	0.2	0	0	0					
Wind direction	NE	N	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	6	8	8	7	6	6	6	5	5	4	5	6	6	4	4	4	2	2	2	2	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.0

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 38

Prevailing direction NE

Total movement, 112

Average hourly velocity, 4.7

Maximum velocity, 10 Direction, NE Time. Began 12.04 P.M.

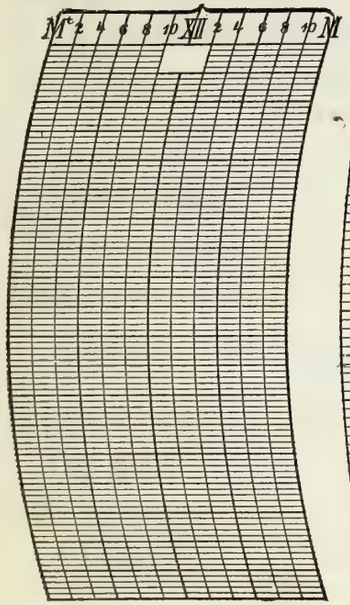
Extreme velocity, 10 - NE - 12.09 P.M.

Relative humidity, 94 a. m., 70 p. m.

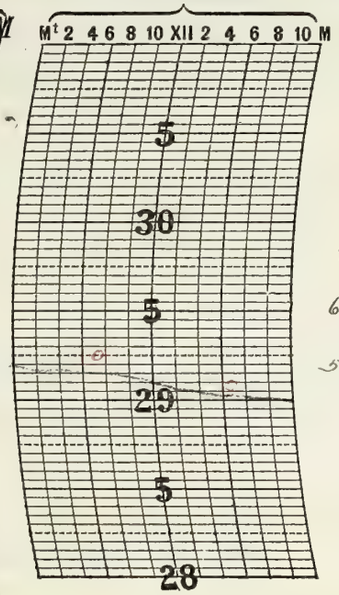
Reduced barometer, 30.06 a. m., 29.93 p. m.

River gage, 8.0 ft.

THERMOGRAPH.



BAROGRAPH.



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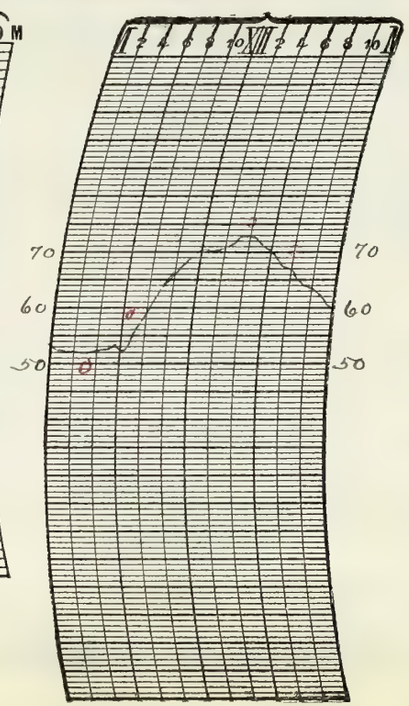


NOTES

Prepared by H.T.Q.

Verified by P. Mc.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 27 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	50	49	49	50	55	57	60	62	65	66	67	68	68	66	64	61	58	56	[illegible]	57	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cldy				Clear						Clear						→		
Sunshine (in tenths of hours)						0	0	0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	1.0	.37					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	12	10	10	11	11	13	11	13	13	11	12	12	12	12	12	9	8	6	6	7	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.03 Character, Cloudy

Sunset: Time, 6.22 Character, Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 10.1

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 76

Prevailing direction NE

Total movement, 239

Average hourly velocity, 10.0

Maximum velocity, 16 Direction, NE Time. Began 10.20 A.M.

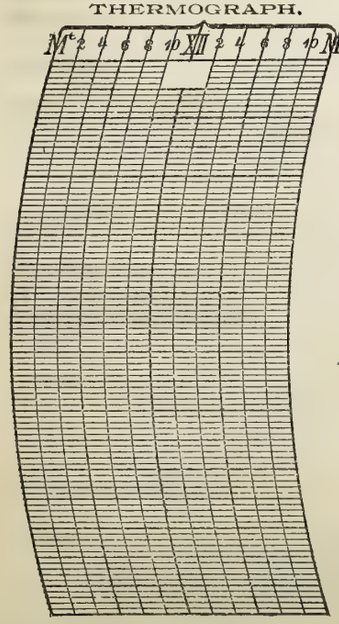
Extreme velocity, 17 NE - 10.20 A.M.

Relative humidity, 90 a. m. 71 p. m.

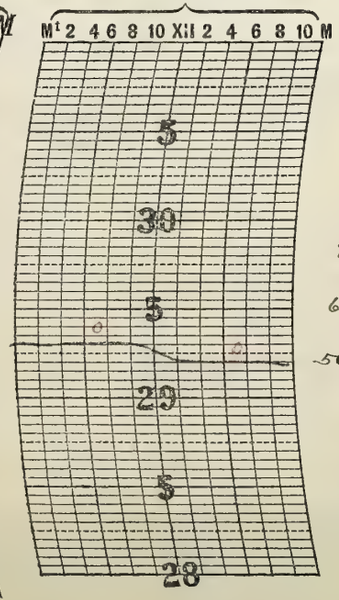
Reduced barometer, 30.26 a. m. 30.11 p. m.

River gage, 8.2 ft.

THERMOGRAPH.



BAROGRAPH.



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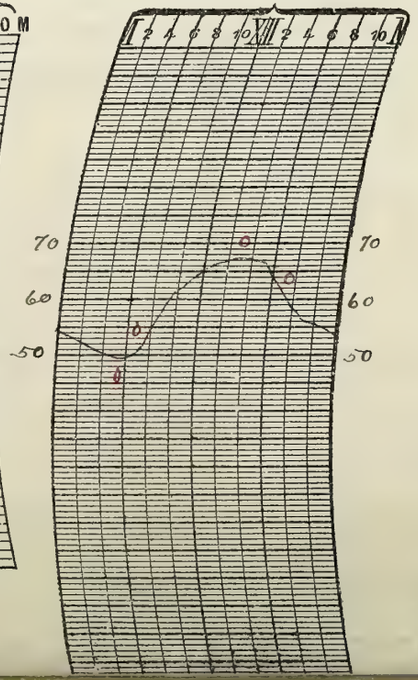


NOTES.

Prepared by J.H.C.

Verified by C.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 28 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	52	52	53	52	57	61	65	67	69	70	71	72	73	72	71	69	67	64	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy												Pt Cloudy							→
Sunrise: Time, 5.04 Character, Cloudy																					Sunset: Time, 6.21 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.4	0.9	0.8	0.4	0.8	0.5	1.0	0.2	0	0	0					
Wind direction	NE	N	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	6	8	8	7	6	6	6	5	5	4	5	6	6	4	4	4	2	2	2	2	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

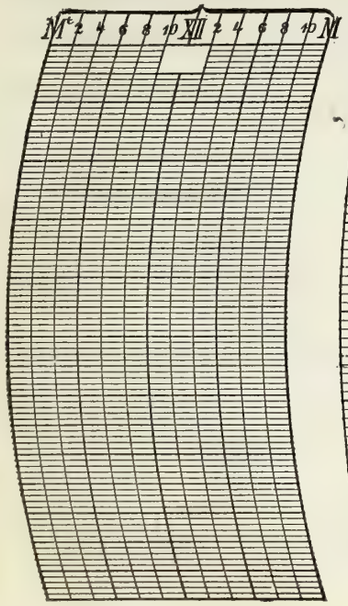
Maximum.	Minimum.	Mean.	Normal.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 5.0
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 38
Prevailing direction NE
Total movement, 112
Average hourly velocity, 4.7

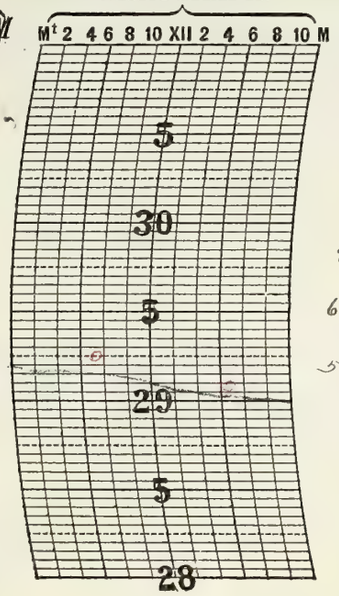
Maximum velocity,	Direction,	Time.
10	NE	Began 12.09 P.M.

Extreme velocity, 10 - NE - 12.09 P.M.
Relative humidity, 94 a. m., 70 p. m.
Reduced barometer, 30.06 a. m., 29.93 p. m.
River gage, 8.0 ft.

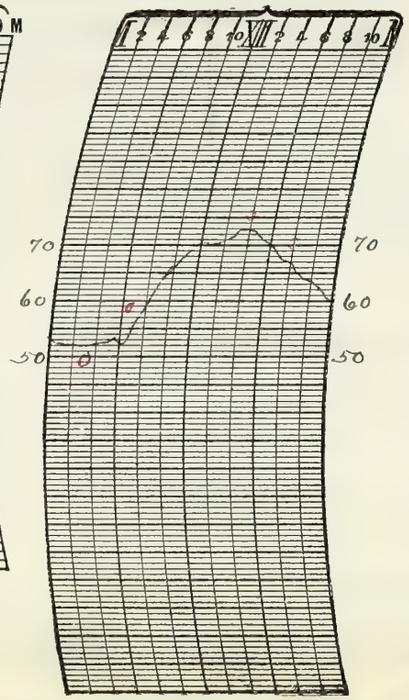
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.F.C.
Verified by P.M.L.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	55	54	53	54	55	59	63	67	67	67	66	67	68	66	66	65	64	61	57	56	55	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy									Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	0.3	0	0	0	0	0	0	0.2	0	0					
Wind direction	E	E	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	NW	NW	NW	NW	NW
Wind movement	2	3	4	4	4	4	4	5	5	6	7	6	8	9	8	7	7	5	6	10	10	10	12	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.04 Character, Cloudy

Sunset: Time, 6.19 Character, Cloudy

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.5

Possible sunshine, hours, 13.2

Percentage of possible sunshine,

Prevailing direction SW

Total movement, 159

Average hourly velocity, 6.6

Maximum velocity, 15 Direction, NW Began 11.25 PM

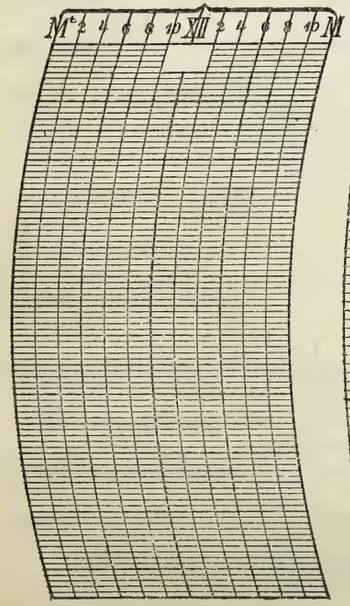
Extreme velocity, 16 - NW - 11.25 PM

Relative humidity, 91 a. m. 79 p. m.

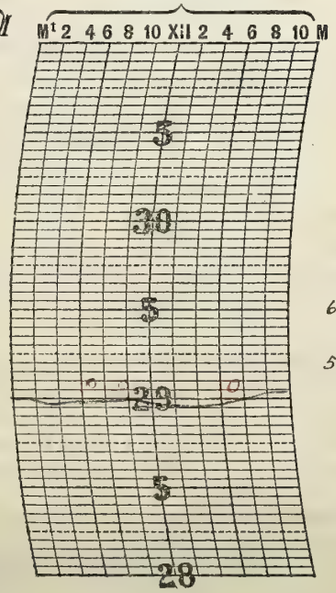
Reduced barometer, 29.91 a. m. 29.91 p. m.

River gage, 6.8 ft.

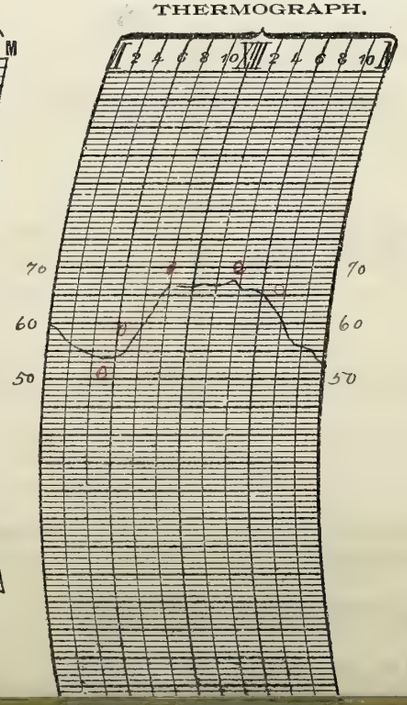
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by HTC.

Verified by PMCD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 30 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	49	49	48	48	49	48	49	49	50	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy				×		P.C.
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.6	0.9
Wind direction	N	N	N	NW	N	N	N	N	N	NW	N	N
Wind movement	12	10	14	11	9	8	8	13	11	12	12	11

Sunrise: Time, 5.05 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	58	58	60	59	58	56	52	50	49	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×				Clear							
Sunshine (in tenths of hours)	0.6	1.0	0.9	1.0	0.7	0	0					
Wind direction	N	N	N	N	N	NE	NE	NE	E	E	E	E
Wind movement	8	8	9	8	8	8	4	6	4	3	2	2

Sunset: Time, 6.17 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	60	47	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 7.6

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 58

Prevailing direction N

Total movement, 201

Average hourly velocity, 8.4

Maximum velocity, 17 Direction, NW Time. Began 2.00 AM.

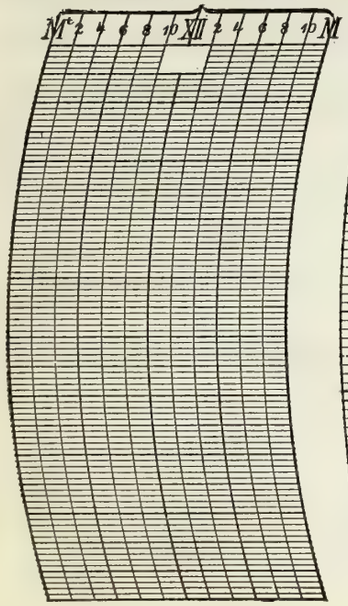
Extreme velocity, 17 - NW - 2.00 A.M.

Relative humidity, 81 a. m., 68 p. m.

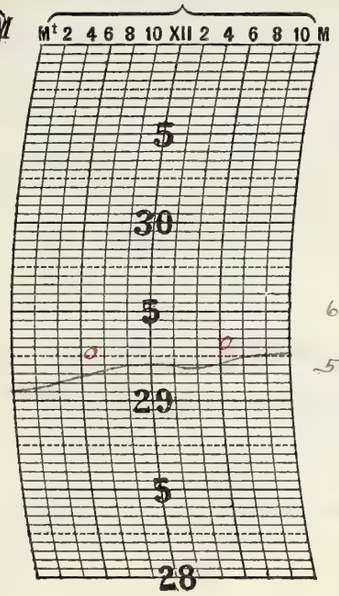
Reduced barometer, 30.08 a. m., 30.14 p. m.

River gage, 5.4 ft

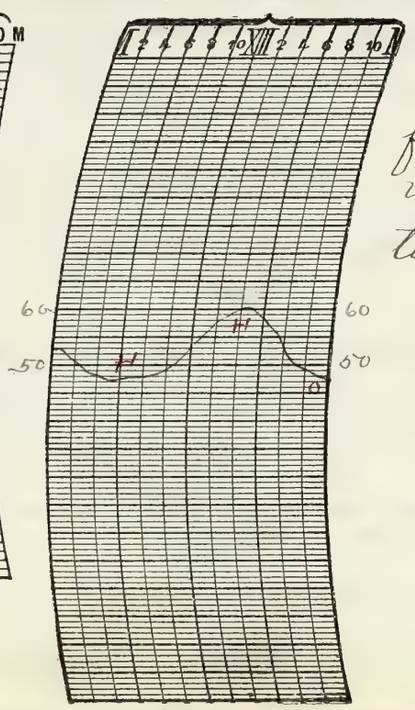
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

"The following warning was received from "C. O" at 9.06 A.M. and disseminated with the morning forecast, "fair tonight with frost."

Prepared by HTC
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 31 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	43	43	47	51	57	60	61	65	66	68	68	70	68	66	63	60	59	55	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear								
Sunshine (in tenths of hours)						.88 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	1.0 0	.27 0					
Wind direction	E	NW	N	N	N	O	N	N	S	S	SE	S	S	S	S	SW	SW	S	SE	SE	SE	SE	E	SE
Wind movement	1	3	2	2	2	0	1	1	4	4	4	6	4	5	4	3	6	1	3	1	3	3	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.07 Character, Clear

Sunset: Time, 6.16 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	70	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 1.00

Prevailing direction S

Total movement, 68

Average hourly velocity, 2.8

Maximum velocity, 8 Direction, NW Time. Began 4.09 P.M.

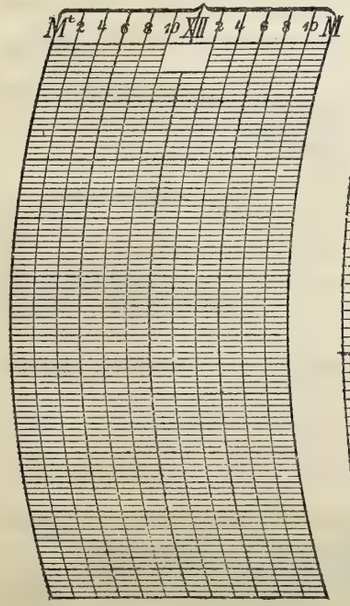
Extreme velocity, 8 NW 4.09 PM

Relative humidity, 93 a. m. 72 p. m.

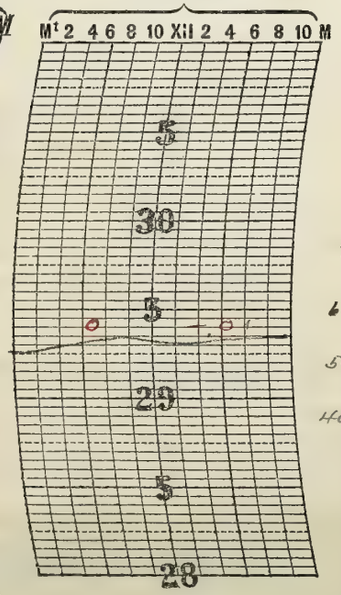
Reduced barometer, 30.26 a. m. 30.24 p. m.

River gage, 4.37

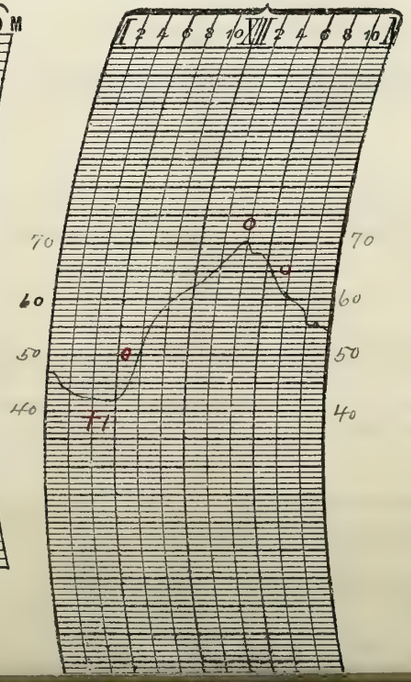
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred in the morning

The sky was cloudless from sunrise to sunset

Prepared by

Verified by P.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. Began _____

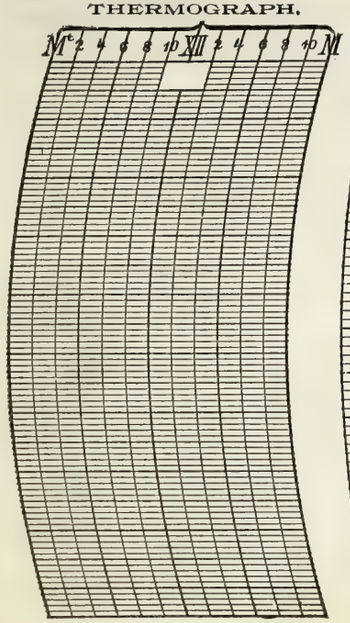
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

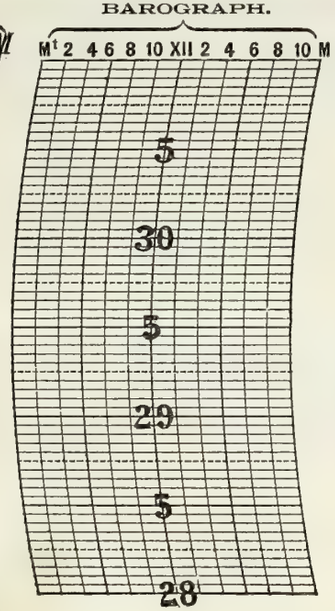
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

THERMOGRAPH.



BAROGRAPH.



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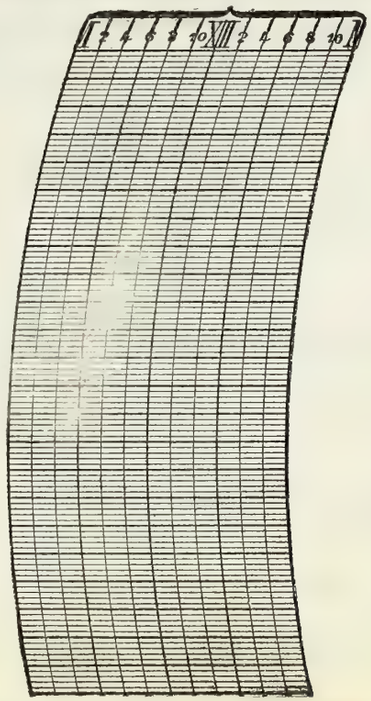


NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	52	50	49	48	52	60	67	69	71	73	75	77	78	78	77	74	71	68	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear								
Sunshine (in tenths of hours)						.87 / 0	1.0 / 0	1.0 / 0	.01 / 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 / 0	1.0 / 0	.23 / 0					
Wind direction	SE	SE	SE	SE	0	SE	E	E	SE	S	NE	NE	E	E	E	E	E	E	E	NE	NE	NE	NE	NE
Wind movement	1	3	1	1	0	2	3	1	3	3	5	5	6	4	5	7	6	4	4	5	5	5	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.08; Character, Clear

Sunset: Time, 6.14; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	48	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phases: Last Quarter 10.57 A.

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction E.

Total movement,

Average hourly velocity, 3.7

Maximum velocity, 8 Direction, E Time. Began 3.31 P.M.

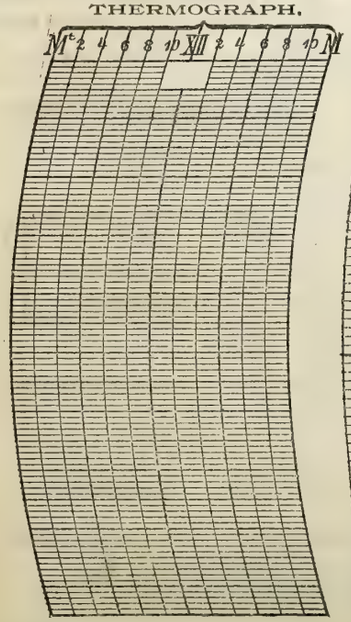
Extreme velocity, 8 - E - 3.31 P.M.

Relative humidity, 88 a. m., 60 p. m.

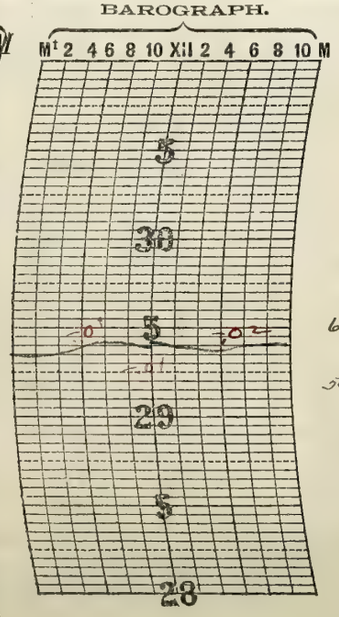
Reduced barometer, 30.34 a. m., 30.29 p. m.

River gage, 3.6 ft

THERMOGRAPH.



BAROGRAPH.



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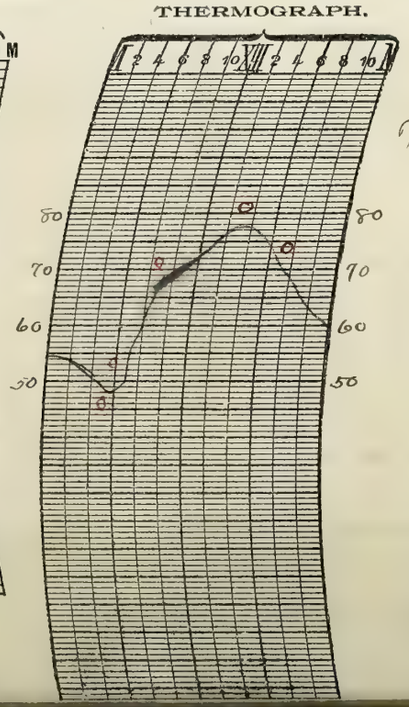


NOTES

Heavy dew formed in the morning.
The day was cloudless from sunrise to sunset.

Prepared by J.F.C.
Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 2 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	55	54	54	56	62	67	72	75	77	79	80	80	79	76	74	71	69	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear									×	Pt Cldy		×	clear					
Sunrise: Time, 5.09; Character, Clear																					Sunset: Time, 6.12; Character, Cloudy			
Sunshine (in tenths of hours)						.85 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	NE	NE	NE	E	NE	NE	NE	NE	NE
Wind movement	6	6	4	5	5	5	4	5	6	7	9	9	11	11	9	7	7	6	6	6	6	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 10.6

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 82

Prevailing direction NE

Total movement, 159

Average hourly velocity, 6.6

Maximum velocity, 15 Direction, E Time. Began 1.08 P.M.

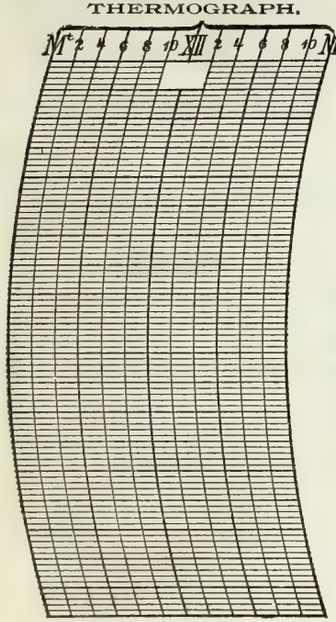
Extreme velocity, 15-E-1.08 P.M.

Relative humidity, 88 a. m., 64 p. m.

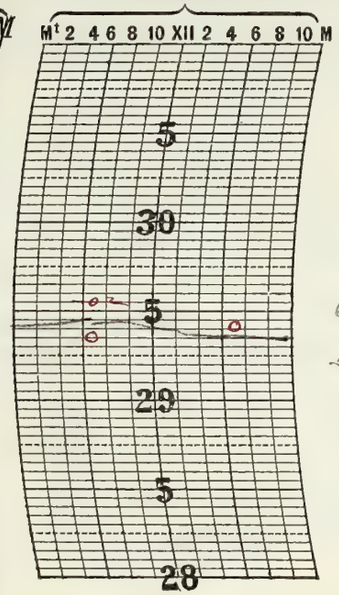
Reduced barometer, 30.35 a. m., 30.29 p. m.

River gage, 2.9 ft

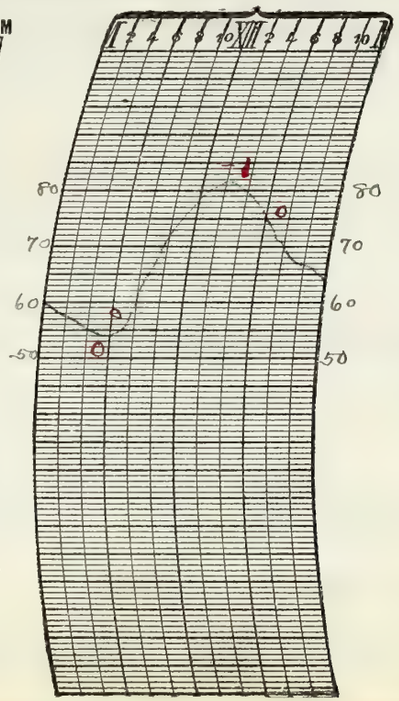
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 11 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	62	62	62	62	61	62	63	65	67	69	70	71	72	73	73	72	68	68	68	68	67	67	66
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:50	RE 5:45						
Amounts of precipitation																	T	T						
Cloudiness and other conditions					←			Cloudy							Cloudy							→		
Sunrise: Time, 5.10 Character, Cloudy																					Sunset: Time, 6.11 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0.1	0.3	0.2	0.2	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE	E	ESE	E	NE	NE	NE	NE	NE	NE
Wind movement	6	8	6	8	4	4	5	5	6	4	7	6	6	6	7	5	4	4	1	5	3	3	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	61	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.2

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 9

Prevailing direction NE

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity, 13 Direction, E Time. Began 10.37 AM.

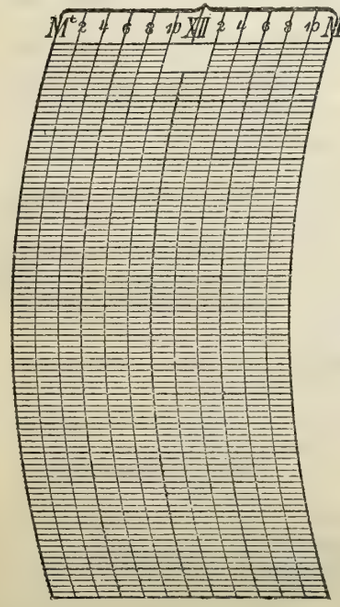
Extreme velocity, 13 - E - 10.37 AM

Relative humidity, 84 a. m. 76 p. m.

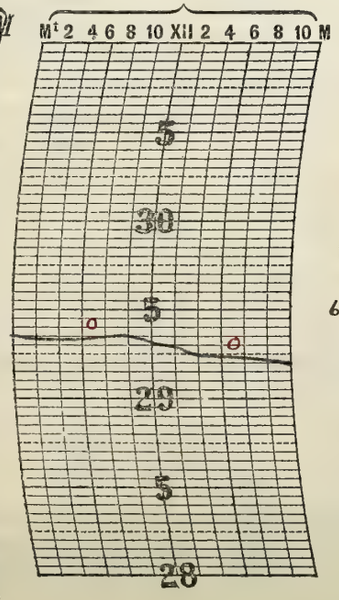
Reduced barometer, 30.27 a. m., 30.15 p. m.

River gage, 2.7 ft

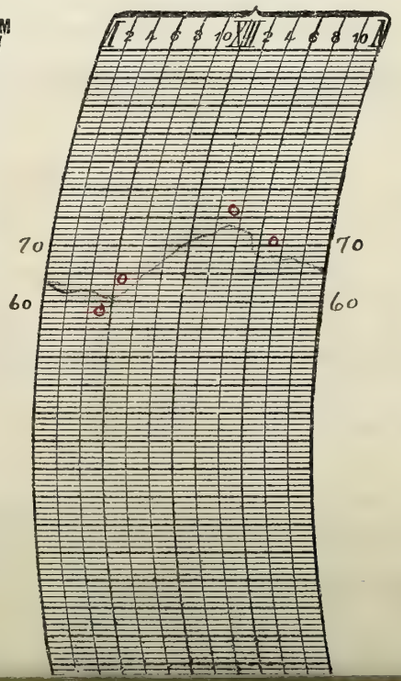
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HGC.
Verified by PMO.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) SEP 4 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	64	64	64	66	72	70	71	73	74	74	74	74	74	73	72	70	68	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending																RB 3.10 RE 3.12								
Amounts of precipitation																T								
Cloudiness and other conditions					←	Clear				×	PC.	×						Cloudy						
Sunshine (in tenths of hours)						.82 0	.09 0.1	1.0	0.4	0.2	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	NE	NE	NE	E	NE
Wind movement	1	2	3	4	4	4	3	4	8	8	9	8	10	7	5	6	6	7	9	8	8	6	6	7

Sunrise: Time, 5.11 Character, Clear

Sunset: Time, 6.09 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	64	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 3.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 26

Prevailing direction NE

Total movement, 143

Average hourly velocity, 6.0

Maximum velocity, 12 Direction, E Time. Began 10.59 A.M.

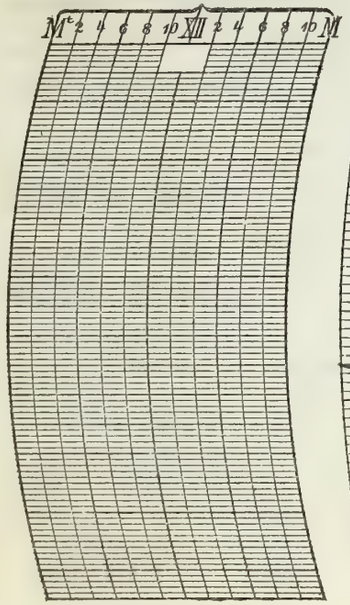
Extreme velocity, 12 - E - 10.59 A.M.

Relative humidity, 83 a. m. 88 p. m.

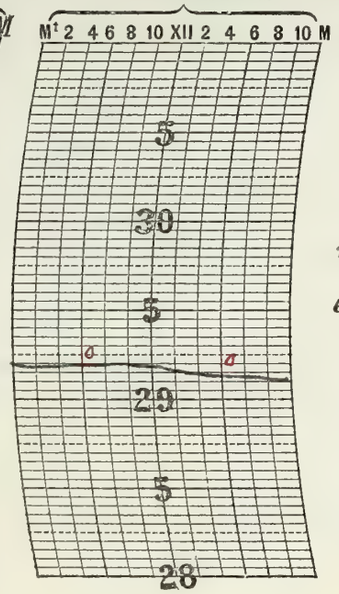
Reduced barometer, 30.11 a. m., 30.06 p. m.

River gage, 2.4 ft

THERMOGRAPH.



BAROGRAPH.



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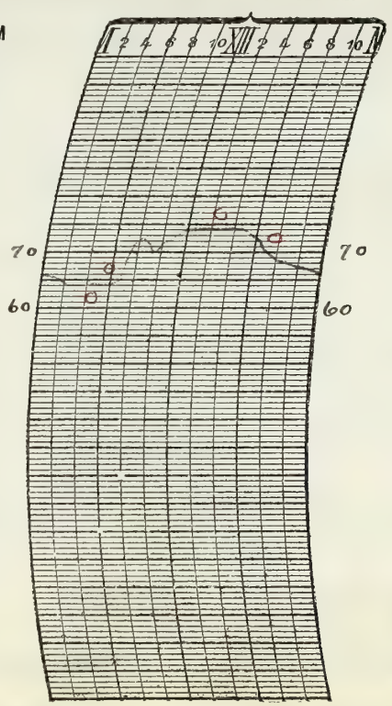


NOTES.

Prepared by N.T.C.

Verified by P.M.C.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 5 1915, 191

Time (local standard), 2 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	65	65	64	64	63	63	62	64	63
Nature of precipitation and time of beginning and ending			RR DN									
Amounts of precipitation			.01	.03	.06	.05	.02	.01	.02	.02	.03	.05
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE
Wind movement	7	5	5	7	8	10	9	9	11		8	

Sunrise: Time, 5.11 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	61	62	62	62	62	62	61	61	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.05	.04	.08	.11	.09	.02	.03	.12	.06	.03	T	T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	N	N	N	N	N	N	N	N	N	W+
Wind movement	13	13	11	13	8	8	9	10	10	9	9	10

Sunset: Time, 6.08 Character, Cloudy

Maximum velocities (exceeding ---- miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	66	61	63	

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., .35 ins.

Total precipitation, midnight to midnight, .93 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 225

Average hourly velocity,

Maximum velocity, 22 Direction, NE Time. Began 12.51 P.M.

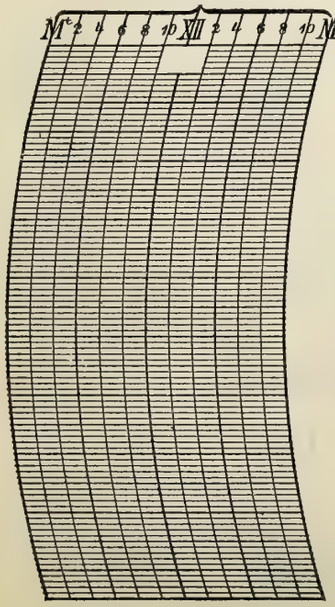
Extreme velocity, 23 NE 12.51 P.M.

Relative humidity, 95 a. m. 100 p. m.

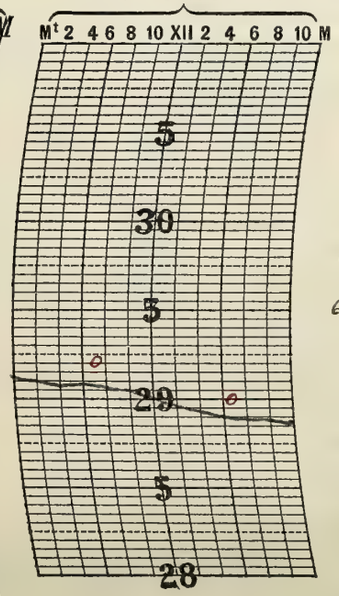
Reduced barometer, 29.97 a. m. 29.80 p. m.

River gage, 2.27

THERMOGRAPH.



BAROGRAPH.



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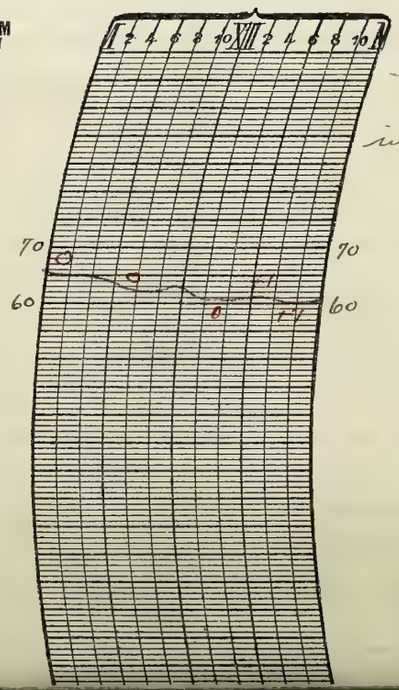


NOTES.

Estimated west direction wire broke in contact w.
Rain began D.N.A. and continued without interruption into the next day.

Prepared by HC
Verified by PMS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 6 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	60	60	60	60	60	60	61	61	63 RE 11.45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	T	T	T	T	T	.01	T	T	T	T	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5.12 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	+ W	+ W	+ W	+ W	+ W	+ W	+ W	+ W	+ W	+ W	+ W	SW
Wind movement	10	11	12	14	15	14	15	14	15	15	17	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	66	67	67	65 RB 4.50	64 RE 5.45	64	64	64	63	63	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					T	T						
Cloudiness and other conditions						Cloudy						
Sunset: Time, 6.06 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	+ W	+ SW	+ SW	+ SW	+ SW	+ W	+ SW	+ SW	+ SW	+ SW	+ SW	+ SW
Wind movement	18	13	15	11	11	7	8	12	12	12	10	10
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	67	60	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.1

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 1

Prevailing direction W

Total movement, 306

Average hourly velocity, 12.8

Maximum velocity, 20 Direction, W Time. Began 10.38 AM

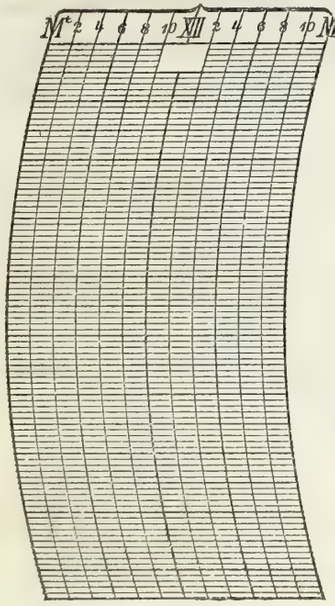
Extreme velocity, 21 - W 10.38 A.M.

Relative humidity, 97 a. m. 95 p. m.

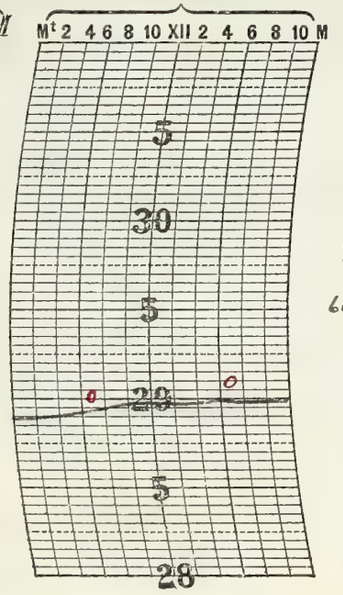
Reduced barometer, 29.85 a. m., 29.92 p. m.,

River gage, 2.9 ft.

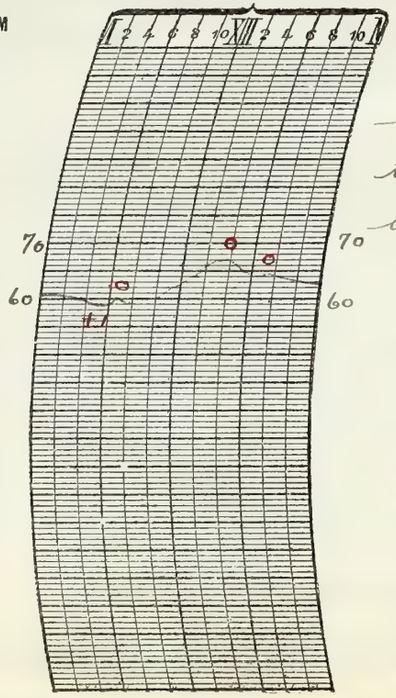
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ Estimated, west direction wire broke in contact box.

NOTES.

Rain continued from yesterday ended at 11.45 A.M. During the greater portion of the morning the rain was in the form of mist.

Prepared by H.T.C.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 7 1915, 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	58	59	61	67	72	76	79	82	81	78	80	78	76	74	72	71	70	69	69	69
State of weather: Nature of precipitation and time of beginning and ending														RB 1.50	RE 2.15					RB 7.40 RE 7.45				
Amounts of precipitation														T	.01					T				
Cloudiness and other conditions														Bl Cldy					Clear					
Sunshine (in tenths of hours)						.78 0	1.0 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	0.2	0.2	1.0	0.7	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	9	8	10	10	10	7	6	9	11	8	8	10	14	11	8	12	11	9	7	6	8	9	9	10
Maximum velocities (exceeding ---- miles) direction and time																								

Sunrise: Time, 5.13 Character, Clear

Sunset: Time, 6.04 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	82	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear Moon phase, New Moon 6.53 A

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 7.1

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 77

Prevailing direction SW

Total movement, 220

Average hourly velocity, 9.2

Maximum velocity, 15 Direction, S Time. Began 12.32 P.M.

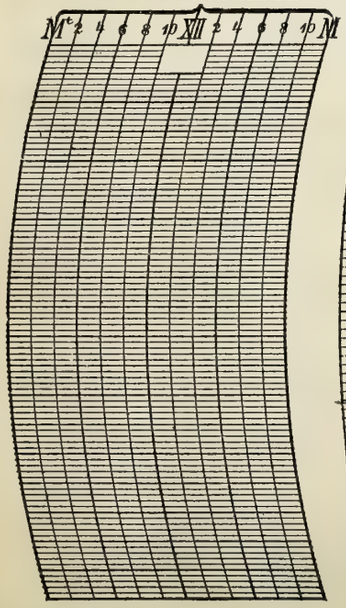
Extreme velocity, 15 - S - 12.32 P.M.

Relative humidity, 89 a. m. 89 p. m.

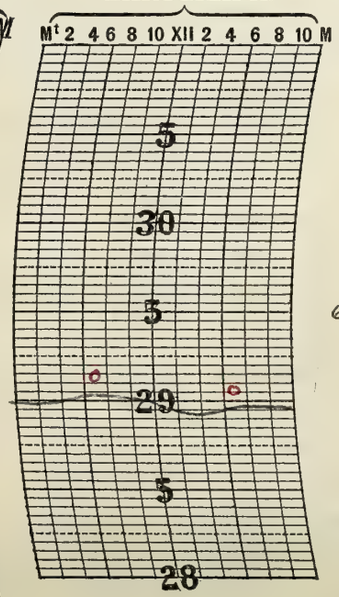
Reduced barometer, 29.94 a. m. 29.89 p. m.

River gage, 6.5 ft.

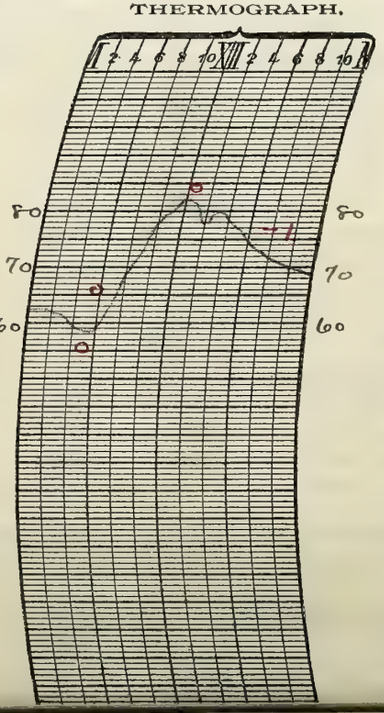
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

One peal of thunder was heard at 2.05 P.M

Prepared by HTC.

Verified by P.M.H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 8 1915, 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	69	69	69	70	71	75	79	82	84	86	87	87	87	86	85	83	80	78	76	75	73	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear												Clear							
Sunrise: Time, 5.14 Character, Clear																					Sunset: Time, 6.03 Character, Cloudy			
Sunshine (in tenths of hours)						.7 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	W	SW
Wind movement	10	10	10	10	9	11	10	13	14	14	15	16	18	17	16	15	12	10	9	9	9	9	7	6
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
87	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.0

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 86

Prevailing direction SW

Total movement, 279

Average hourly velocity, 11.6

Maximum velocity, 18 Direction, SW Began 12.44 P.M.

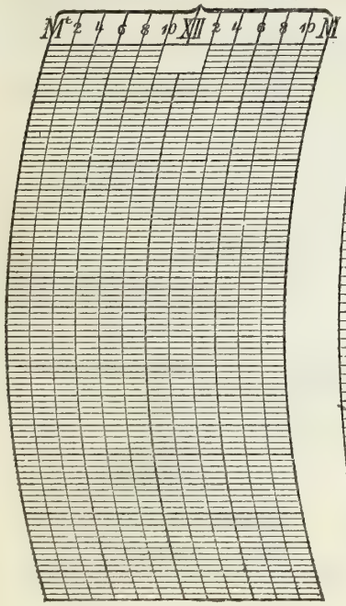
Extreme velocity, 19 - SW - 12.44 P.M.

Relative humidity, 89 a. m. 74 p. m.

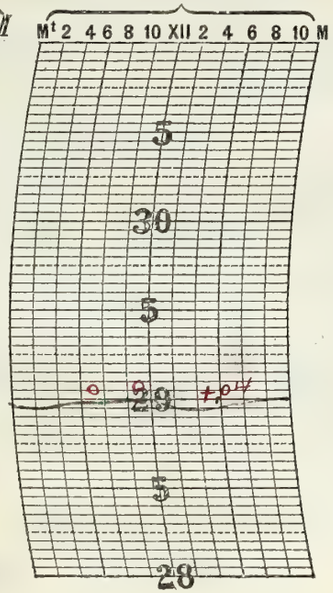
Reduced barometer, 29.9 a. m. 29.89 p. m.

River gage, 7.67

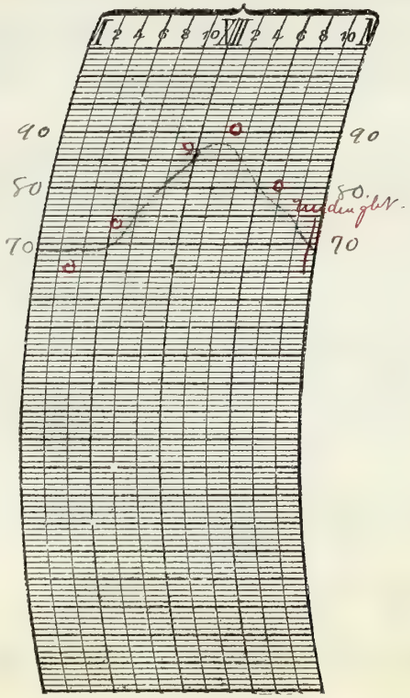
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HFC.
Verified by PMcD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	67	66	64	63	68	73	75	78	78	80 78	78	78	77	76	76	74	73	72	71	70	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				Pt. Cldy				Cloudy					P.C.					
Sunrise: Time, Character,	5.15 Clear																				Sunset: Time, Character, 6.01 Cloudy			
Sunshine (in tenths of hours)						.75 0	0.7 0.3	1.0	1.0	1.0	0.8	0.5	0	0.4	0.5	0.2	0	0	0					
Wind direction	SW	SW	SW	S	NW	NW	W	SW	W	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	W
Wind movement	6	6	8	8	8	4	5	7	7	9	11	11	10	10	12	7	6	5	3	1	1	1	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.2

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 56

Prevailing direction SW

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity, 15 Direction, W Time. Began 2.31 PM.

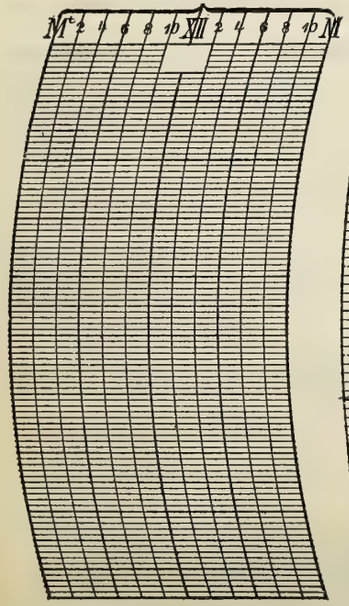
Extreme velocity, 15-W-2.31 PM.

Relative humidity, 81 a. m. 78 p. m.

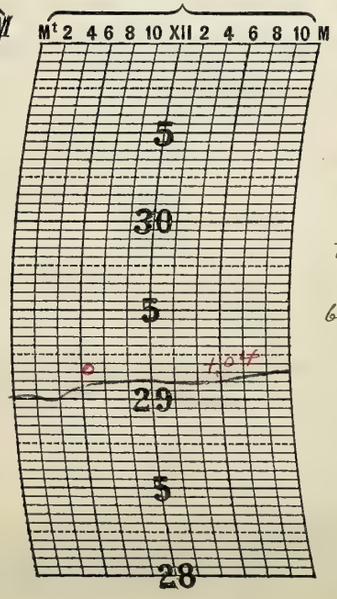
Reduced barometer, 29.98 a. m. 30.05 p. m.

River gage, 6.3 ft.

THERMOGRAPH.



BAROGRAPH.



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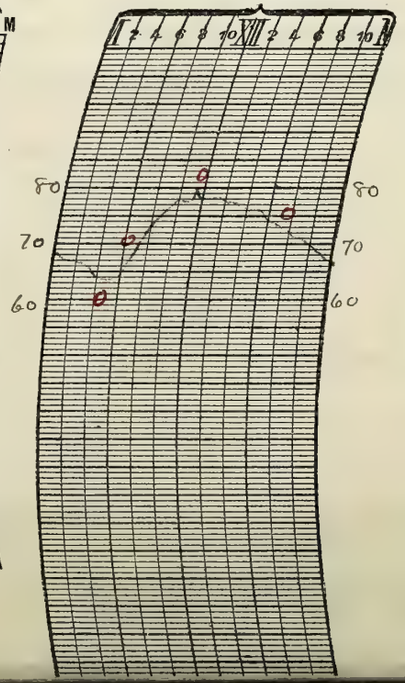


NOTES.

Prepared by HFC

Verified by PMCA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	61	60	60	62	64	72	75	78	82
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← P.C.	×	Clear	→				
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	1.0
Wind direction	W	N	N	NE	NE	NE	NE	SE	SE	S	S	S
Wind movement	2	5	4	4	3	4	3	4	5	6		

Sunrise: Time, 5.16; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	84	84	83	82	64	65	66	65	65	65	66	65
Nature of precipitation and time of beginning and ending					RB 4.10	RE 5.50				RB 9.10 RE 9.40 T		
Amounts of precipitation					.20	.01						
Cloudiness and other conditions		×	P.C.	×	Cloudy					→		
Sunshine (in tenths of hours)	1.0	0.9	0	0	0	0						
Wind direction	S	SW	SW	SW	W	NW	SE	SE	E	SE	SW	SW
Wind movement	13	14	10	13	16	5	3	3	4	4	3	6
Maximum velocities (exceeding 29 miles) direction and time					37 W 4.24							

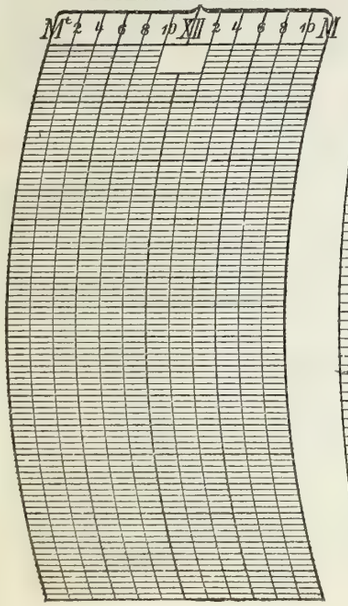
Sunset: Time, 5.59; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

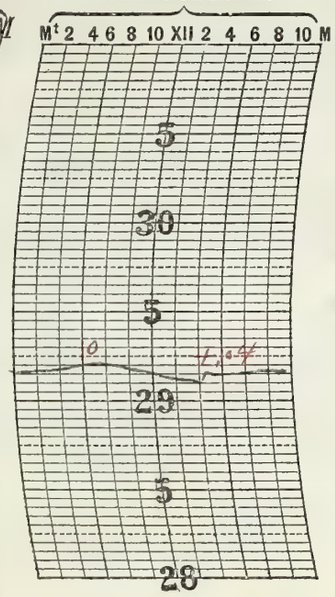
	Maximum.	Minimum.	Mean.	Normal.
	84	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .21 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 5.3
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 42
Prevailing direction SE, SW
Total movement, 157
Average hourly velocity, 6.5
Maximum velocity, 37; Direction, W; Time. Began 4.24 P.M.
Extreme velocity, 44 – W – 4.24 P.M.
Relative humidity, 97 a. m., 97 p. m.
Reduced barometer, 30.12 a. m., 30.11 p. m.
River gage, 5.0 ft.

THERMOGRAPH.



BAROGRAPH.



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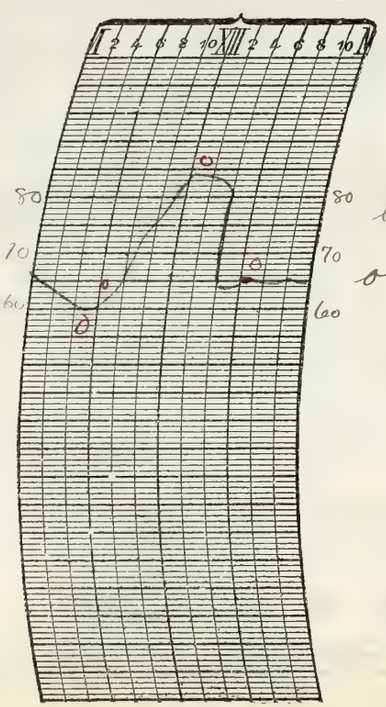


NOTES.

Light fog prevailed from D. N. A to 5.30 A.M.
A shower of rain accompanied by a gust of high northwest wind occurred from 4.10 P to 5.50 P.M.

Prepared by H.S.R.
Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 11 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	65	65	68	70	73	75	77	78	80	80	81	80	79	77	76	72	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending			RB DN RE DN	✓																				
Amounts of precipitation			.02																					
Cloudiness and other conditions						← Pt Cloudy							→ Pt Cloudy											
Sunrise: Time, 5.17 Character, Cloudy																					Sunset: Time, 5.57 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	0.6	0.5	1.0	1.0	1.0	0.6	0.5	0						
Wind direction	SW	SW	NW	NW	NW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	W	NW	W	W	W	E	E	E	E
Wind movement	11	11	8	3	5	6	2	5	6	4	4	5	6	8	6	5	4	3	1	3	6	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

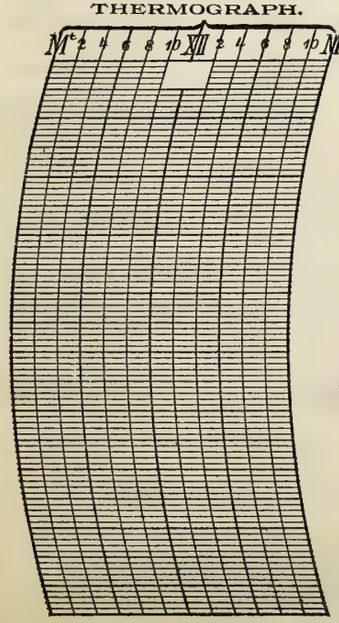
	Maximum.	Minimum.	Mean.	Normal.
Temperature	81	65	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 7.2
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 57
Prevailing direction SW
Total movement, 132
Average hourly velocity, 5.5

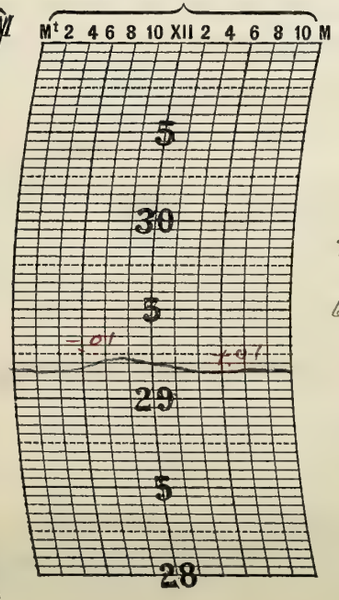
Maximum velocity, 17 Direction, SW Time. Began 12.47 PM
Extreme velocity, 19 - SW - 12.47 PM

Relative humidity, 94 a. m., 83 p. m.
Reduced barometer, 30.10 a. m., 30.08 p. m.
River gage, 4.9 ft.

THERMOGRAPH.



BAROGRAPH.



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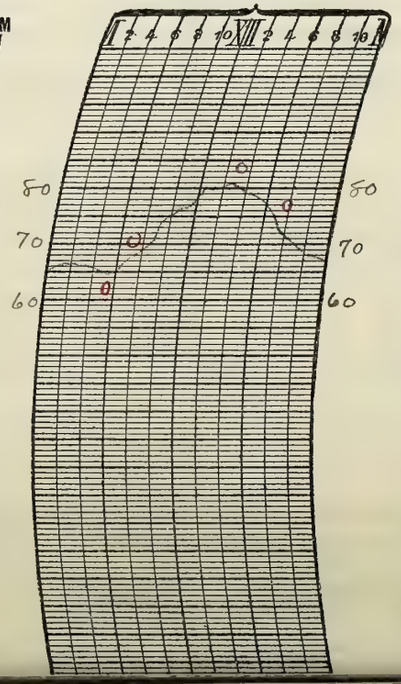


NOTES.

Prepared by HSC
Verified by P.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) SEP 12 1915, 191

Time (local standard), 90 mer. ____ hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	67	68	69	72	77	81	84	85	86	87	88	88	87	85	82	80	78	77	75	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunshine (in tenths of hours)						.68 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.93 0						
Wind direction	E	E	ESE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	5	4	4	5	8	9	8	10	13	12	15	18	16	15	16	14	14	9	6	8	9	9	7	8

Sunrise: Time, 5.19; Character, Clear

Sunset: Time, 5.56; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts ____

Maximum.	Minimum.	Mean.	Normal.
88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 242

Average hourly velocity, 10.1

Maximum velocity, 22 Direction, SW Time. Began 11.30 AM.

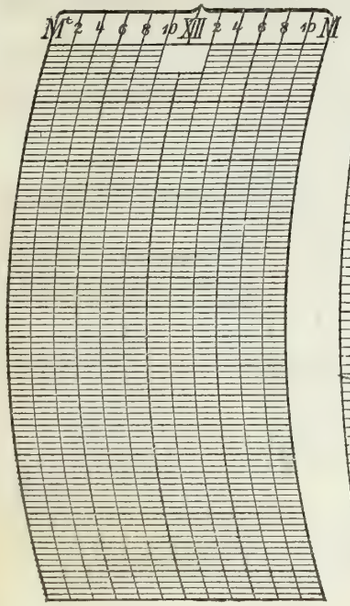
Extreme velocity, 22 – SW – 11.30 AM

Relative humidity, 80 a. m. 71 p. m.

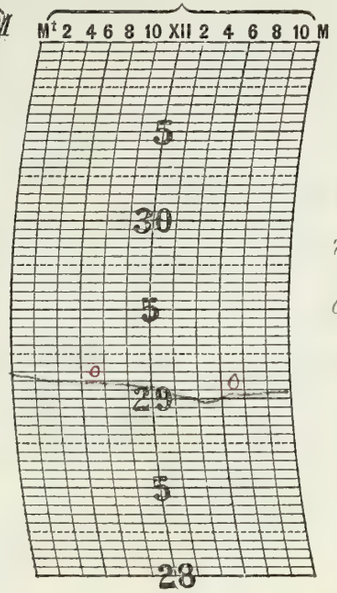
Reduced barometer, 29.98 a. m. 29.91 p. m.

River gage, 5.7 ft

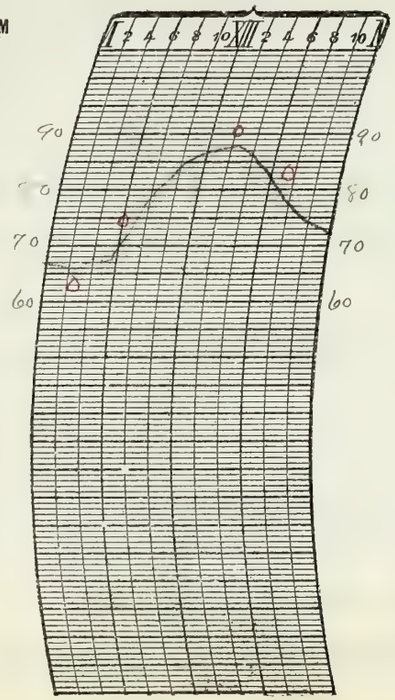
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

This day was the warmest day of the summer to date.

Prepared by J.H.C.

Verified by T.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) [illegible] 13 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	72	71	71	71	72	73	78	81	84	85	86	87	88	88	88	86	84	81	80	79	77	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear					×	P.C.			×			Clear					
Sunrise: Time, Character,	5.20 Clear																				Sunset: Time, Character, 5.54 Clear			
Sunshine (in tenths of hours)						.67 0	.07 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.90 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	7	7	5	9	9	9	9	11	14	15	19	19	22	20	17	16	13	9	8	9	11	12	14	13
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	71	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 297

Average hourly velocity, 12.4

Maximum velocity, 25 Direction, SW Began 12.44 P.M.

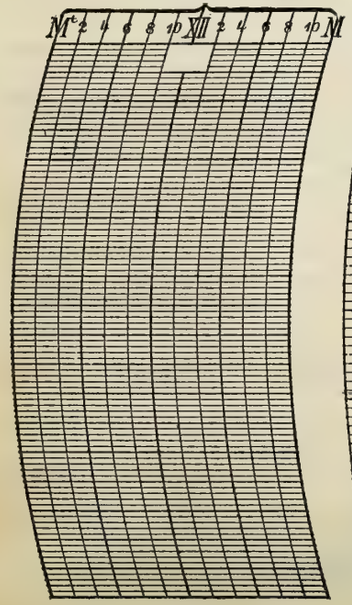
Extreme velocity, 25-SW-12.44 P.M.

Relative humidity, 86 a. m. 75 p. m.

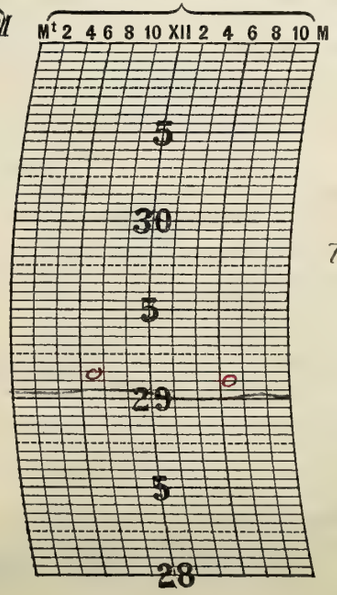
Reduced barometer, 29.95 a. m. 29.92 p. m.

River gage, 5.7 ft.

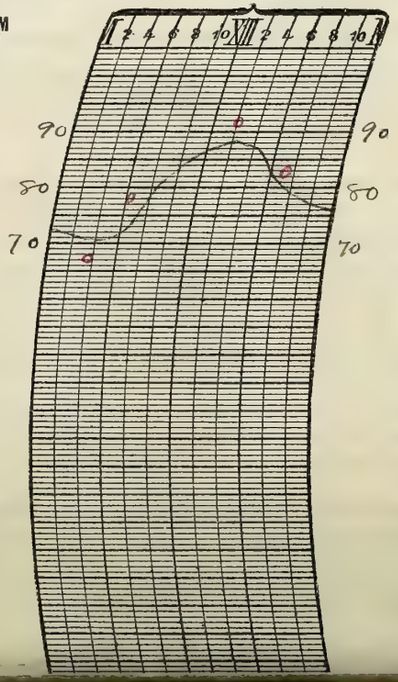
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.F.C.

Verified by P.M.J.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 14 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	73	72	72	74	80	84	86	88	89	89	90	90	88	86	83	82	68	72	73	73	72
State of weather: Nature of precipitation and time of beginning and ending																					RB 8.00 RE 8.45			
Amounts of precipitation																					.40			
Cloudiness and other conditions	Clear												× Cldy ×				Clear			× Cldy →				
Sunrise: Time, Character,	5.21 Clear																							
Sunset: Time, Character,																					5.52 Clear			
Sunshine (in tenths of hours)						.65 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.6 0.4	.87 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	S	SW	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	15	14	11	9	9	9	11	14	16	17	18	19	18	17	16	15	14	11	12	10	17	8	10	9
Maximum velocities (exceeding 29 miles) direction and time																					34 SW 8.01 P			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	90	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 12.3

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 98

Prevailing direction S

Total movement, 319

Average hourly velocity, 13.3

Maximum velocity, 34 Direction, SW Time. Began 8.01 P.M.

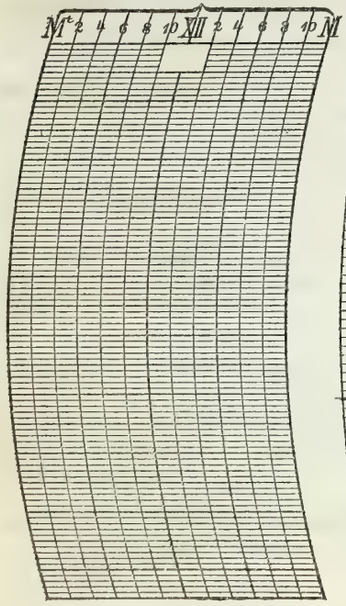
Extreme velocity, 38 - SW - 8.01 P.M.

Relative humidity, 84 a. m. 66 p. m.

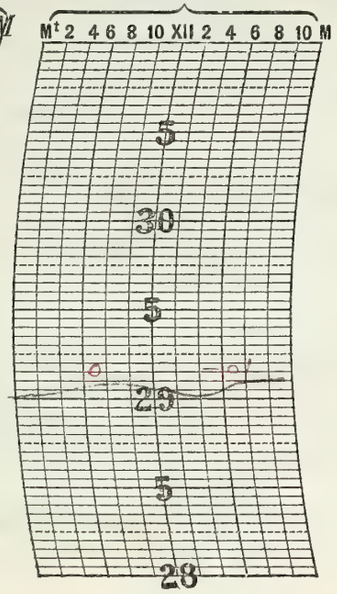
Reduced barometer, 29.97 a. m. 29.98 p. m.

River gage, 5.5 ft

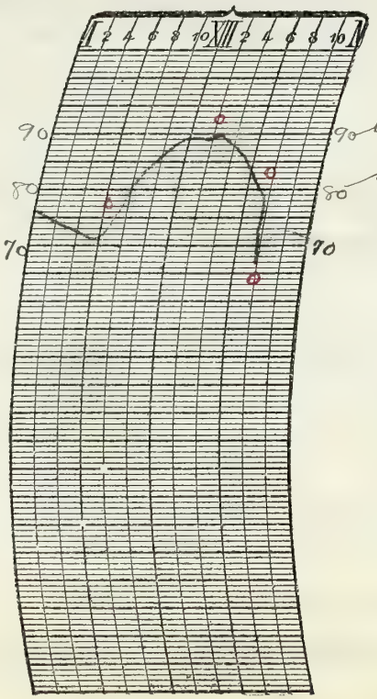
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A severe thunderstorm accompanied by strong southwest wind passed over the station from 8.00 P. to 8.45 P.M. The storm came from the southwest.

Prepared by J+FC.
Verified by O. Mey.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 1 0 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	71	71	70	71	73	76	79	81	83	84	85 81	80	82	79	78	77	72	70	71	71	70	69
State of weather: Nature of precipitation and time of beginning and ending														RB 1.15 RE 1.30					RB 6.28				RE DR	
Amounts of precipitation														.02					.20	.01	.02	T	.03	
Cloudiness and other conditions					←	Clear		×		Pt Cloudy					×			Cloudy						×

Sunrise: Time, 5.21 Character, Cloudy

Sunset: Time, 5.51 Character, Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0.7	1.0	0.8	0.8	0.9	0.9	0.8	0.3	0	0	0						
Wind direction	S	S	SW	S	SW	SW	SW	S	S	SW	SW	SW	NW	NW	NW	SW	SW	SW	NW	SE	SE	SE	SW	SE
Wind movement	9	8	8	8	8	7	9	11	12	13	13	13	10	7	4	5	2	3	7	8	5	6	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	69	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 6.2

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 50

Prevailing direction SW

Total movement, 182

Average hourly velocity, 7.6

Maximum velocity, 17 Direction, SW Time. Began 10.30 AM

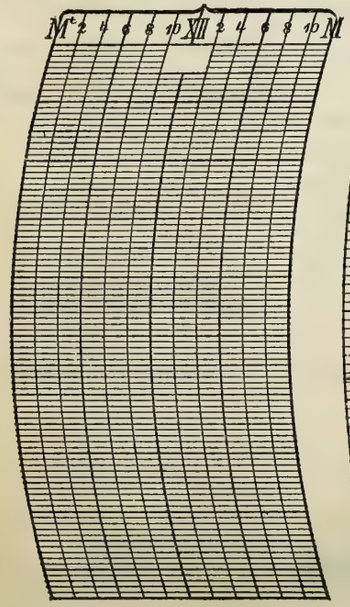
Extreme velocity, 17 - SW - 10.30 A.M.

Relative humidity, 91 a. m., 100 p. m.

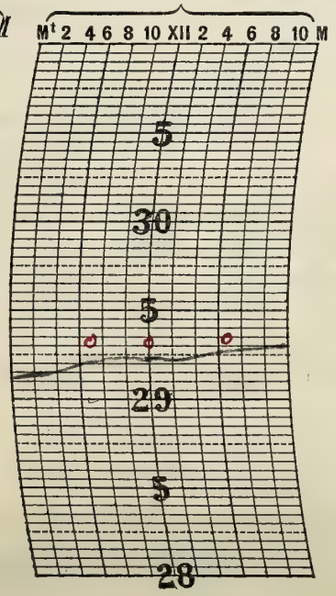
Reduced barometer, 30.11 a. m., 30.20 p. m.

River gage, 5.1 ft.

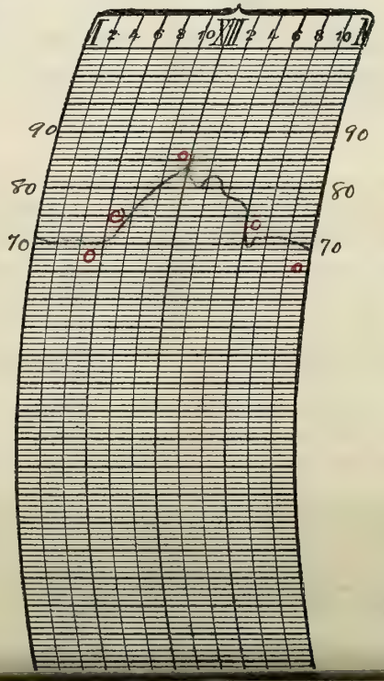
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunder was heard from 5.35 P.M to 9.30 P.M.

Prepared by JHC.

Verified by PMcG.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) SEP 16 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	68	68	72	76	78	81	83	84	85	86	86	85	82	80	78	75	72	71	70 RB DN	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																							.04	.10
Cloudiness and other conditions					←			Clear							×	P.C.	×			Cloudy				→
Sunrise: Time, Character,	5.22 Cloudy																							
Sunset: Time, Character,																					5.44 Cloudy			
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0						
Wind direction	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	4	4	5	7	8	10	11	13	15	17	18	18	20	16	13	11	11	9	12	10	9	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

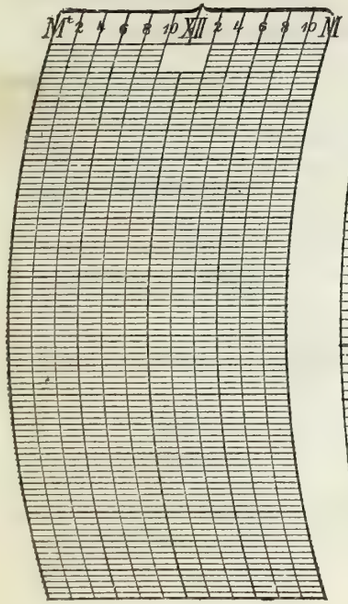
	Maximum.	Minimum.	Mean.	Normal.
	86	68	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Clear Moon phase, First Quarter 3 21 A.
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.6
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 69
Prevailing direction SW
Total movement, 260
Average hourly velocity, 10.8

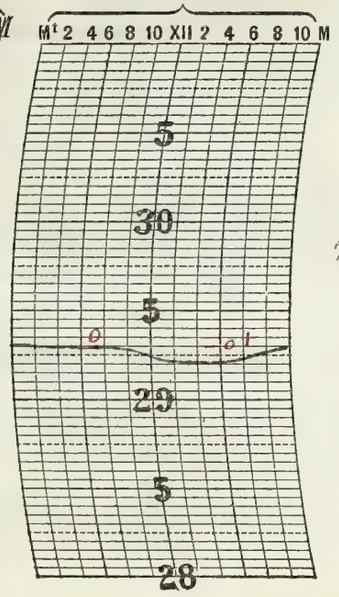
Maximum velocity,	Direction,	Time.
23	SW	Began 10.1 P.M.

Extreme velocity, 23 SW 10.1 P.M.
Relative humidity, 84 a. m., 76 p. m.
Reduced barometer, 30.20 a. m., 30.10 p. m.
River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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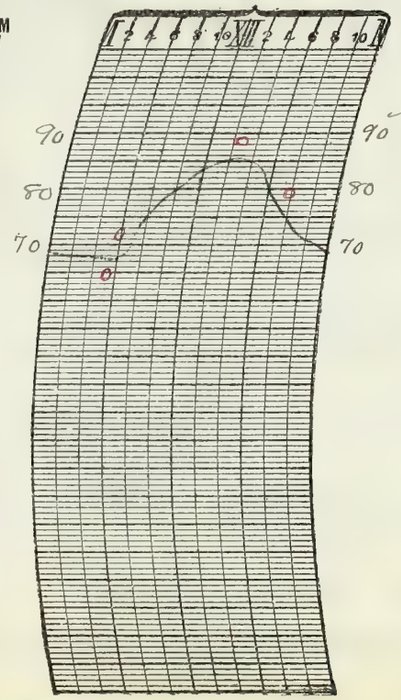


NOTES

Lightning in north at 6.30 P.M.
Cloud and threatening from 5.15 P.M. to 6.15 P.M.

Prepared by H.F.C.
Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 17 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	68	68	68	67	67	70	72	73	74	76
State of weather: Nature of precipitation and time of beginning and ending	RE DN											
Amounts of precipitation	14											
Cloudiness and other conditions							Pt Cldy				Cloudy	
Sunshine (in tenths of hours)						0	0	0.2	0.3	0	0.4	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	N	N	N	NW
Wind movement	7	6	3	4	3	2	1	3	3	4	1	3

Sunrise: Time, 5.23 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	77	77	76	75	74	72	72	71	70	70	70
State of weather: Nature of precipitation and time of beginning and ending												RB DN
Amounts of precipitation												T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	N	N	N	N	N	N	N	E	E	W
Wind movement	4	3	5	3	4	3	3	3	3	3	4	4

Sunset: Time, 5.47 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	67	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .28 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.9

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 7

Prevailing direction N.

Total movement, 82

Average hourly velocity, 3.4

Maximum velocity, 10 Direction, SEE Time. Began 12.10 AM.

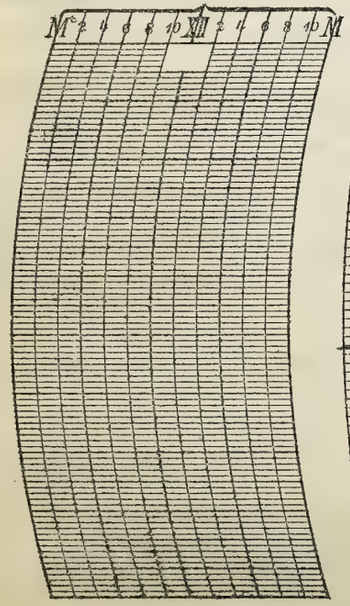
Extreme velocity, 10. SW - 12.10 AM.

Relative humidity, 97 a. m., 84 p. m.

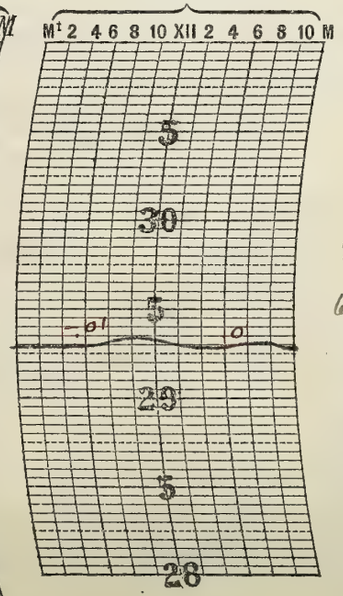
Reduced barometer, 30.22 a. m., 30.21 p. m.

River gage, 4.2 ft

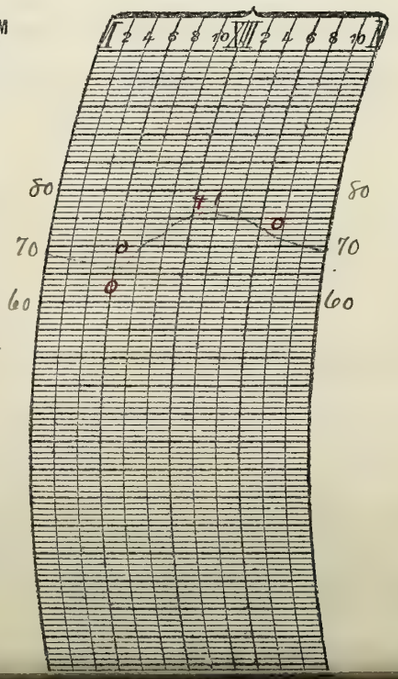
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog prevailed from P.M. to 6.30 AM.

Prepared by HFC

Verified by PMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 18 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	68	68	68	67	69	71	71	69	68
Nature of precipitation and time of beginning and ending	RE DN									RB 4.10		
Amounts of precipitation	.03									.01	.19	.35
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	5.24 Cloudy											
Sunshine (in tenths of hours)						0	0	0.2	0	0	0	0
Wind direction	NE	NE	E	SE	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	2	1	3	4	1	2	5	7	7	5	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	68	68	66	66	66	65	64	62	61	60
Nature of precipitation and time of beginning and ending		RE 2.00			RB 4.00 RE 5.00							
Amounts of precipitation	.16	.15			.02							
Cloudiness and other conditions	Cloudy × P.C. × Clear											
Sunset: Time, Character,									5.46 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	S	SW	SW	N	N	N	N	N	N	W	W
Wind movement	1	3	3	3	6	5	4	4	3	4	4	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

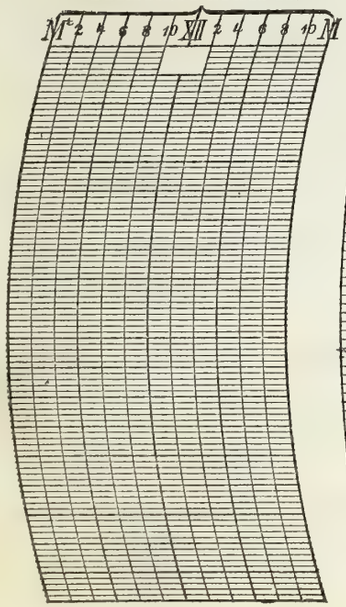
	Maximum.	Minimum.	Mean.	Normal.
	71	60	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .88 ins.
Total precipitation, midnight to midnight, .91 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 2
Prevailing direction SW
Total movement, 90
Average hourly velocity, 3.8

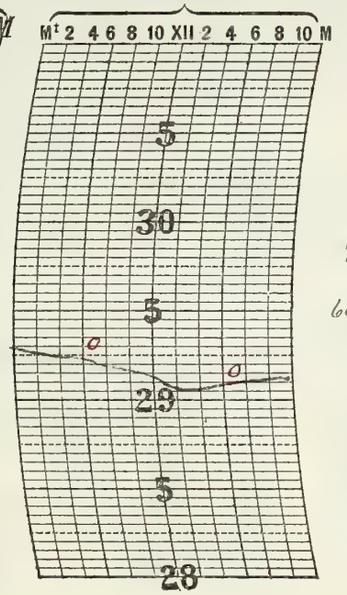
Maximum velocity,	Direction,	Time.
10	SW	Began 7.57 AM
Extreme velocity, 10	SW	7.57 AM

Relative humidity, 98 a. m., 97 p. m.
Reduced barometer, 30.11 a. m., 30.03 p. m.
River gage, 4.2 ft

THERMOGRAPH.



BAROGRAPH.



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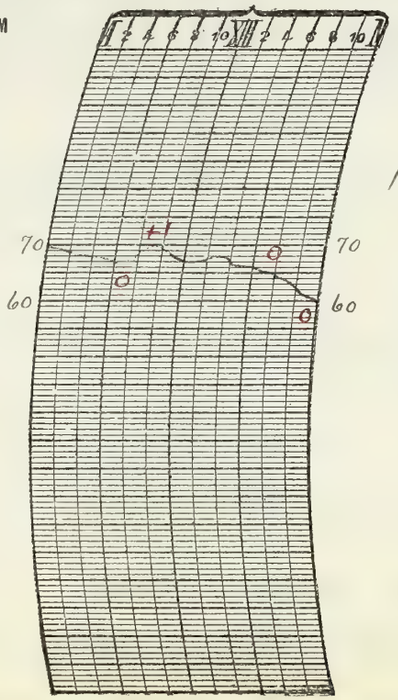


NOTES

Light fog prevailed from D.N.A. to 7.30 AM.
Thunder was heard at intervals from 10.05 AM. to 12.10 P.M.

Prepared by H.F.C.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 1 0 1915, 191

Time (local standard) 10 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	59	59	58	57	58	61	65	68	69	71	73	73	74	75	73	71	70	68	67	66	64	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear			× Pt Cloudy					Pt Cloudy											→
Sunrise: Time, Character,	5.26 Cloudy																				Sunset: Time, Character, 5.44 Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	1.0	0.6	0.6	0.9	1.0	0.4	0.4	0.3	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	NW	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	SE
Wind movement	4	6	4	5	3	2	3	1	2	4	7	5	6	7	5	4	5	3	4	4	4	4	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5.7

Actual sunshine, hours, 5.4

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 44

Prevailing direction NE

Total movement, 103

Average hourly velocity, 4.3

Maximum velocity, 10 Direction, SE Time. Began 11:00 P.M.

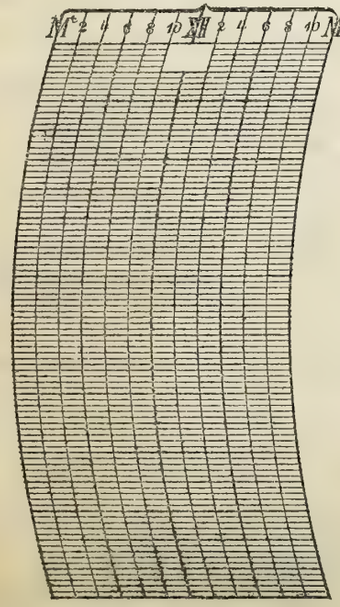
Extreme velocity, 10 - SE - 11:00 P.M.

Relative humidity, 98 a. m. 82 p. m.

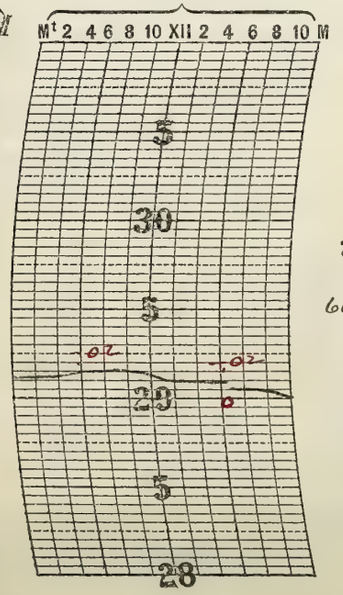
Reduced barometer, 30.04 a. m. 29.97 p. m.

River gage, 5.7 ft.

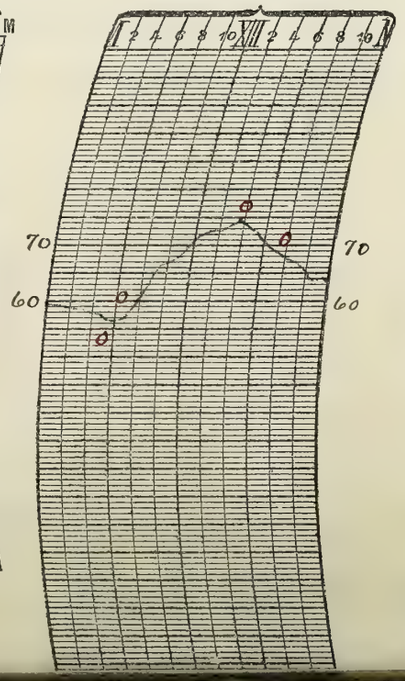
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog prevailed from 5.30 A.M. to 7.30 A.M.

Prepared by JHKO

Verified by JMD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 20 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	61	61	61	60	61	62	70	72	76	77	76	75	75	74	73	71	68	62	57	57	55	53	52
State of weather: Nature of precipitation and time of beginning and ending																✓	RB 4-15 RE 4-28	RR 525	✓			TS DR	✓	
Amounts of precipitation																	T	T	T	.01	T	.01		
Cloudiness and other conditions					← Pt Cloudy								×			Cloudy								

Sunrise: Time, 5.27 Character, Cloudy

Sunset: Time, 5.42 Character, Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0.6	0.8	1.0	0.8	0.7	0.5	0	0	0	0	0						
Wind direction	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	S	S	SW	SW	SW	W	NW	NW	NW	NW	NW
Wind movement	3	3	6	4	6	4	5	8	11	13	16	17	17	18	20	19	12	17	20	15	14	11	15	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 4.4

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 36

Prevailing direction S

Total movement, 286

Average hourly velocity, 11.9

Maximum velocity, 27 Direction, NW Time. Began 6.34 PM

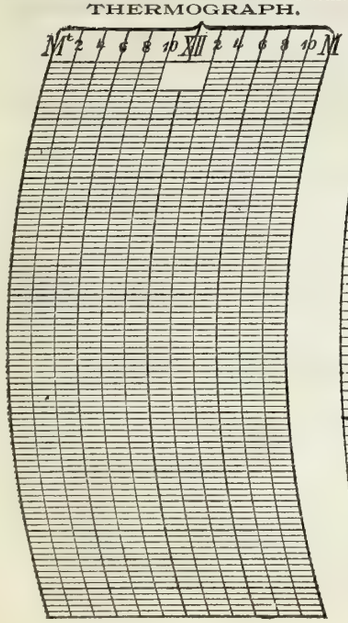
Extreme velocity, 28 NW 6.34 PM

Relative humidity, 89 a. m. 80 p. m.

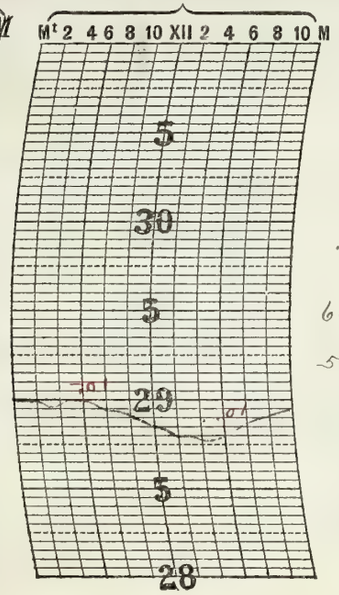
Reduced barometer, 29.89 a. m. 29.73 p. m.

River gage, 6.1 ft.

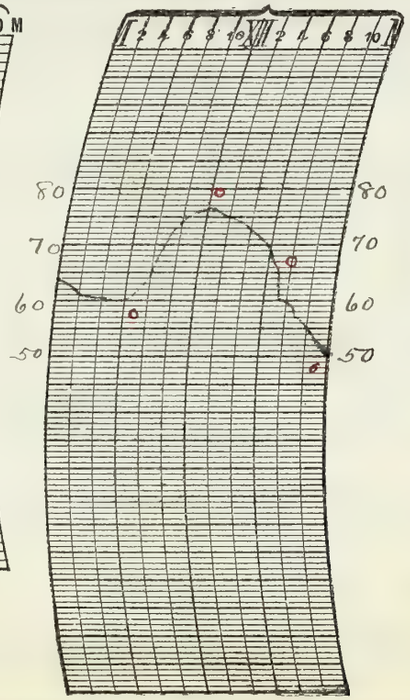
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.H.C.
Verified by P.Med.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 21 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	51	50	50	51	51	52	52	52	54	56	58	59	58	57	54	53	50	49	48	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Pt Cldy				Clear					
Sunrise: Time, 5.27 Character, Cloudy																					Sunset: Time, 5.41 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2	0.3	0.6	0.9	1.0	0.6 0.4	.68 0						
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	9	11	13	11	9	10	10	11	15	13	13	17	17	15	13	8	5	4	4	4	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

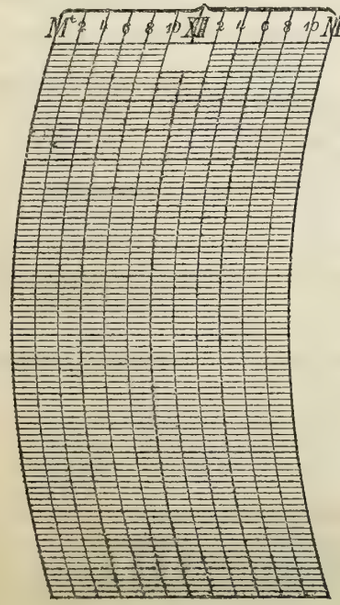
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

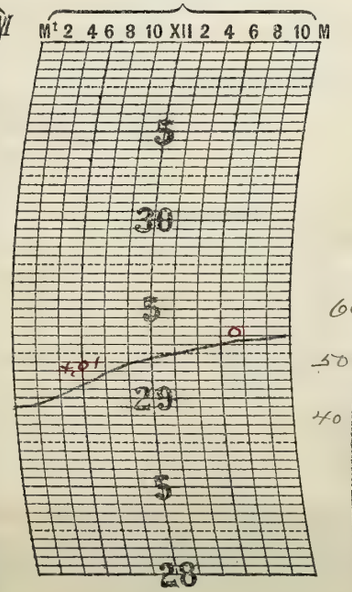
Maximum.	Minimum.	Mean.	Normal.
59	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 4.7
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 39
Prevailing direction NW.
Total movement, 238
Average hourly velocity, 9.9
Maximum velocity, 20 Direction, NW Time. Began 1.42 PM
Extreme velocity, 20 - NW - 1.42 PM.
Relative humidity, 74 a. m. 59 p. m.
Reduced barometer, 30.05 a. m. 30.24 p. m.
River gage, 6.4 ft.

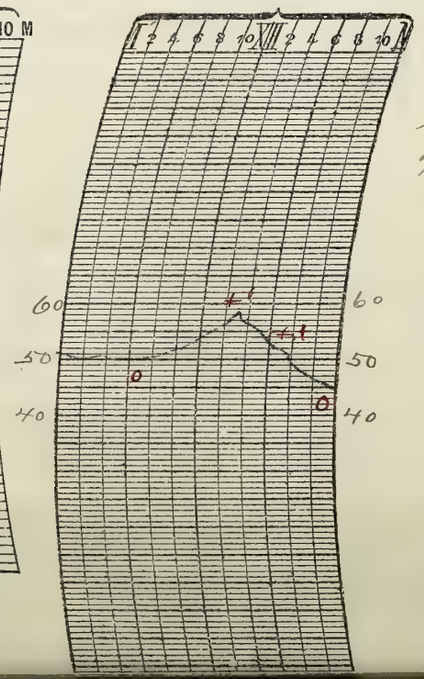
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The following warning was received from "C.O." and disseminated with the morning forecasts at 9.20 A.M.:
"Frost in lowlands tonight."

Prepared by H.T.C.
Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 22 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	45	45	44	43	43	47	52	56	57	60	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)						.53 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	NW	NE	NE	NE	NE	N
Wind movement	7	7	6	3	4	2	3	7	6	7	6	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	65	64	63	63	57	54	55	52	52	51
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2	.65 0						
Wind direction	NE	E	ESE	E	S	S	S	S	E	E	E	E
Wind movement	6	4	4	4	4	3	2	2	3	2	3	2

State of weather.

Sunrise: Time, 5.28 Character, Clear

Sunset: Time, 5.39 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) Fair

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 100

Prevailing direction E.

Total movement, 102

Average hourly velocity, 4.2

Maximum velocity, 10 Direction, NE Time. Began 9.44 AM

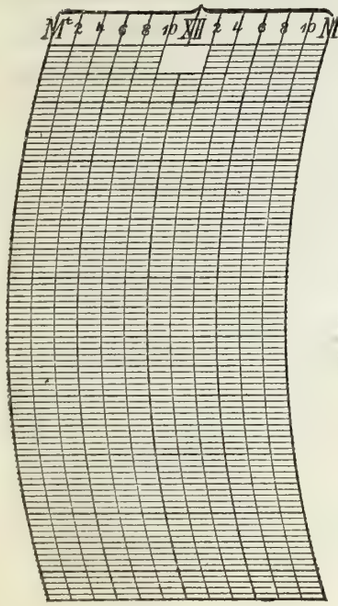
Extreme velocity, 10 - NE - 9.44 AM

Relative humidity, 86 a. m., 53 p. m.

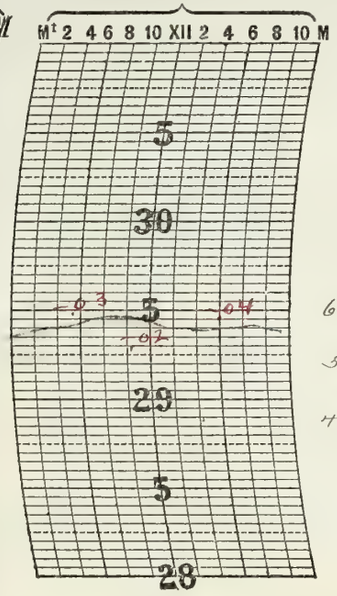
Reduced barometer, 30.34 a. m., 30.30 p. m.

River gage, 6.5 ft.

THERMOGRAPH.



BAROGRAPH.



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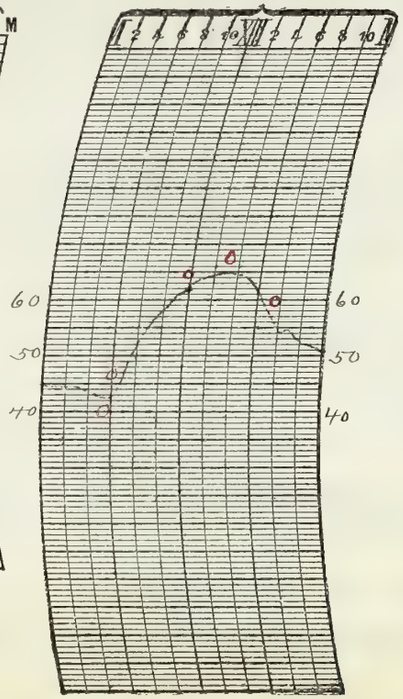


NOTES

Heavy dew formed in the early morning.

Prepared by J.H.C.

Verified by J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 23 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	48	48	47	47	48	58	61	64	65	66	67	68	69	66	65	64	63	61	60	59	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear									Clear									
Sunrise: Time, Character,	5.29 Clear																				Sunset: Time, Character,		5.37 Clear	
Sunshine (in tenths of hours)		✓				.52 0	1.0 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.04 0.6	1.0 0	.62 0				✓		
Wind direction	SE	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	4	6	7	6	7	8	7	11	13	16	18	18	19	16	14	13	10	9	10	10	8	8	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	69	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon 5.35 A

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.1

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 257

Average hourly velocity, 10.7

Maximum velocity, 23 Direction, SW Time. Began 12.05 P.M.

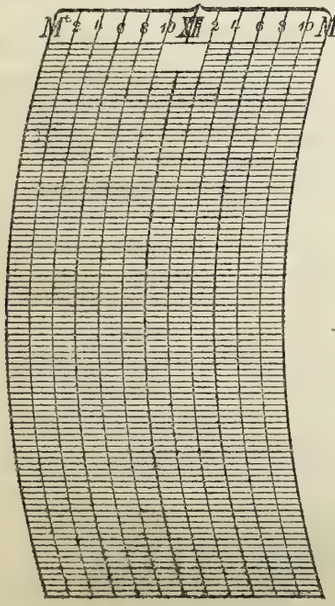
Extreme velocity, 23 SW 12.05 P.M.

Relative humidity, 83 a. m. ✓ 58 p. m.

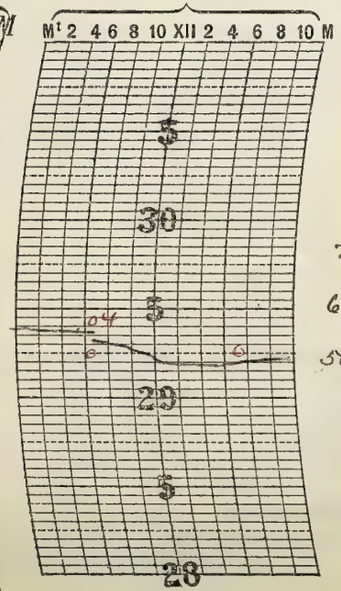
Reduced barometer, 30.25 a. m. ✓ 30.15 p. m.

River gage, 6.3 ft.

THERMOGRAPH.



BAROGRAPH.



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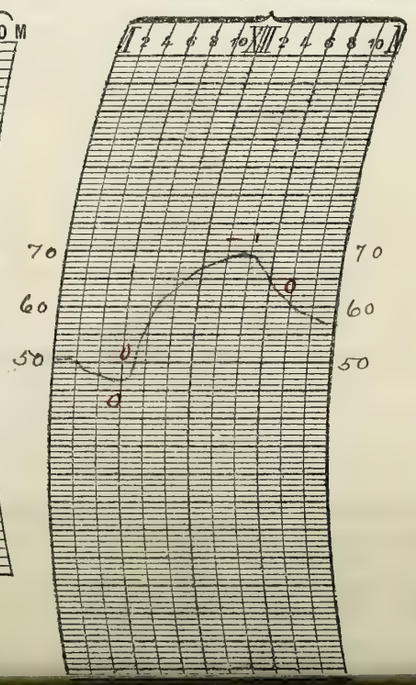


NOTES.

Prepared by
Verified by } J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 24 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	58	58	58	58	59	61	64	67	68	69	70	70	70	70	69	68	66	66	66	66	66	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy									Cloudy					Fd Cldy				
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	W	W	S	SE	SE	S	SE	SE	SE	E
Wind movement	9	8	9	9	7	6	7	6	4	5	3	3	4	2	2	3	3	4	2	3	4	3	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.30; Character, Cloudy

Sunset: Time, 5.36; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 113

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
11	SW	Began 3.11 AM

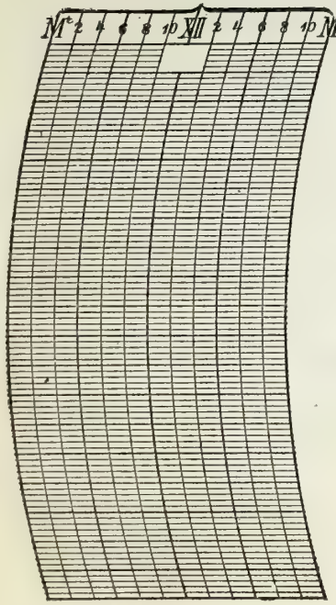
Extreme velocity, 11 – SW – 3.11 AM.

Relative humidity, 83 a. m. 85 p. m.

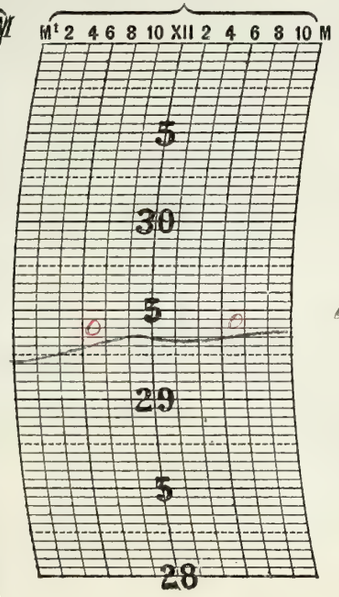
Reduced barometer, 30.21 a. m. 30.28 p. m.

River gage, 5.4 ft.

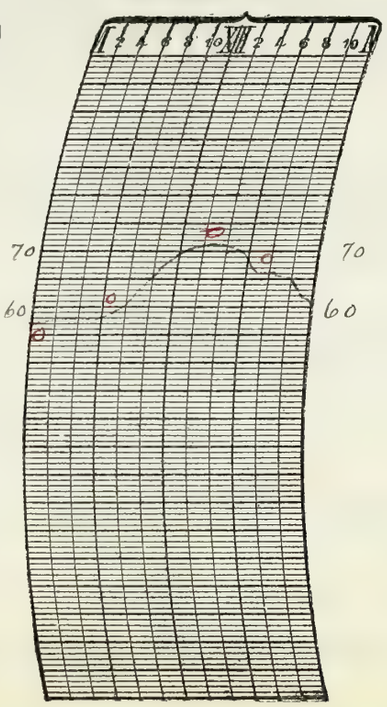
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by
Verified by } JAO

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 25 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	57	55	57	66	69	72	75	74	78	78	77	76	73	72	70	69	68	67	67	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear				×	P.Cldy			Cloudy								
Sunshine (in tenths of hours)						.48 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	0.9	0.4	0	0	0	0						
Wind direction	E	E	E	E	E	E	S	ESE	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S
Wind movement	4	6	5	5	2	2	3	5	9	10	15	14	16	13	11	10	8	10	10	10	10	9	10	12

Sunrise: Time, 5.31 Character, Clear

Sunset: Time, 5.34 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	78	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.8

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 65

Prevailing direction S.

Total movement, 209

Average hourly velocity, 8.7

Maximum velocity, 19 Direction, S Time. Began 12.09 P.M.

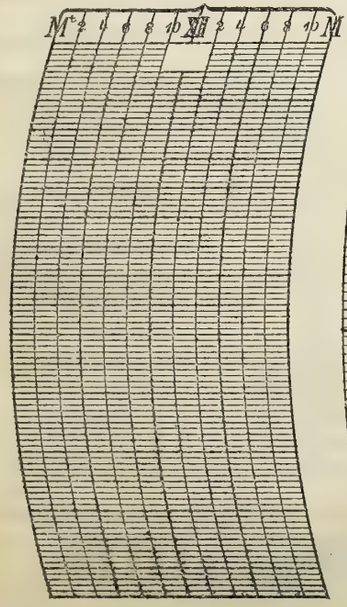
Extreme velocity, 19-S-12.09 P.M.

Relative humidity, 95 a. m. 70 p. m.

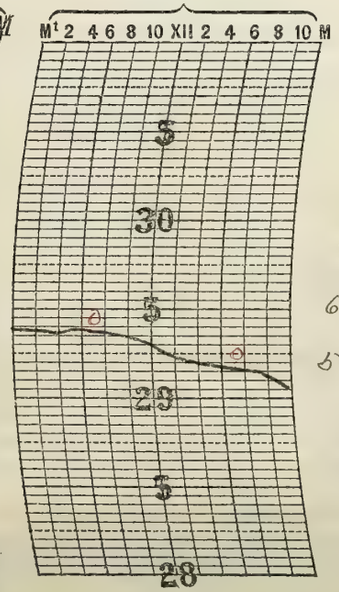
Reduced barometer, 30.29 a. m. 30.08 p. m.

River gage, 4.7 ft.

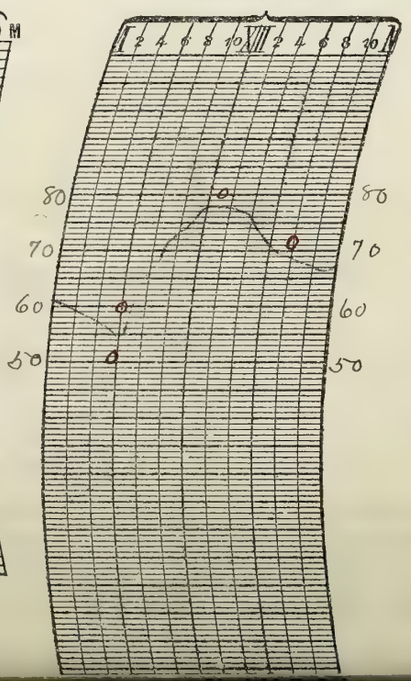
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog prevailed from D.N.A. to 7 A.M.

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 26 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	68	68	69	69	71	74	66	67	62	55	56	56	55	55	55	54	50	51	50	50	47
										RB 9.10										TE 7.15				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										.12	.14	.01	.01	.10	.05	.12	.01	.01	.01	T				
Cloudiness and other conditions						Cloudy									Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	15	16	18	19	18	20	22	24	26	27	25	11	12	10	9	8	7	10	16	17	17	16	13	16
Maximum velocities (exceeding 29 miles) direction and time									35 SW 8.45	33 SW 9.20														

Sunrise: Time, 5.32; Character, Cloudy

Sunset: Time, 5.32; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	74	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .58 ins.

Total precipitation, midnight to midnight, .58 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 382

Average hourly velocity, 15.9

Maximum velocity, 35 Direction, SW Time. Began 8.45 AM

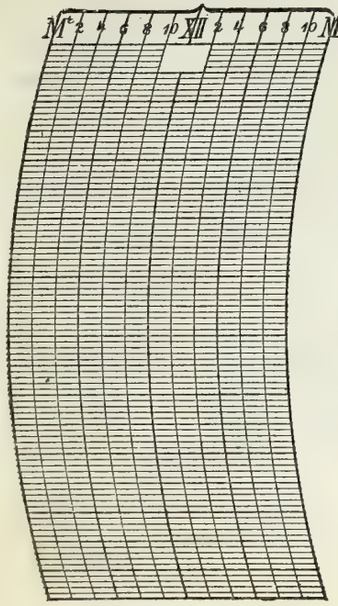
Extreme velocity, 38-SW-8.45 AM

Relative humidity, 81 a. m. 100 p. m.

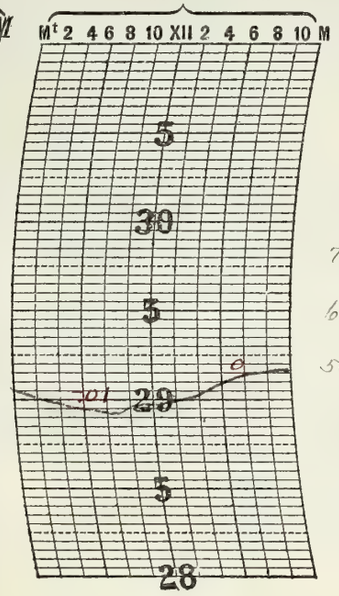
Reduced barometer, 29.83 a. m. 30.00 p. m.

River gage, 4.4 ft.

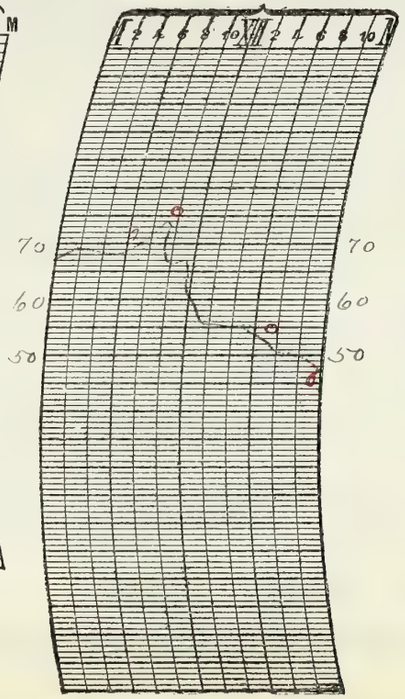
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 27 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	44	44	44	43	46	47	48	49	51	51	52	52	53	52	52	51	48	47	47	46	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5,10		RE 7,50	✓															
Amounts of precipitation						.01	.03	T																
Cloudiness and other conditions						Cloudy								Cloudy					*TC*	Clear				
Sunshine (in tenths of hours)		✓				0	0	0	0	0	0	0	0	0	0	0	0	0				✓		
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	10	9	9	9	8	10	11	10	12	12	12	11	9	10	13	11	11	9	10	8	8	8	6

Sunrise: Time, 5.33 ✓ Character, Cloudy

Sunset: Time, 5.30 ✓ Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	53	44	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 235

Average hourly velocity, 9.9

Maximum velocity, 16 Direction, NE Began 3.37 P.M.

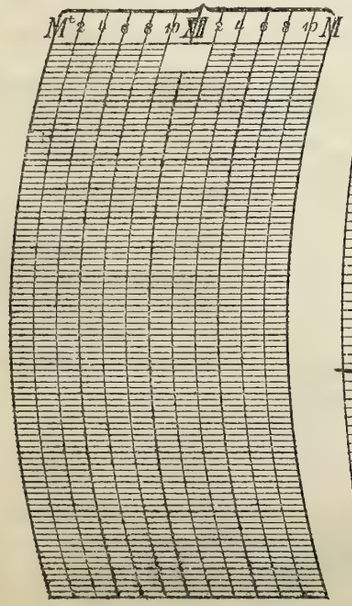
Extreme velocity, 16 - NE - 3.37 P.M.

Relative humidity, 100 a. m. 87 p. m.

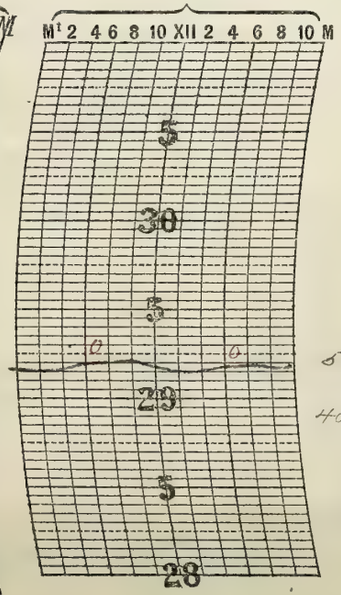
Reduced barometer, 30.12 a. m. 30.09 p. m.

River gage, 4.6 ft ✓

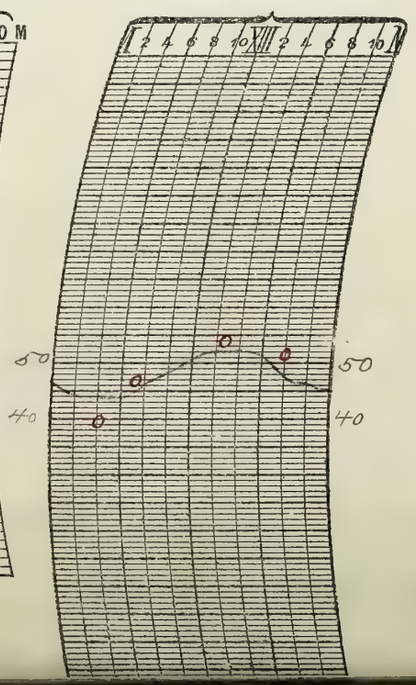
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by } HTC
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 28 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	42	42	42	43	44	48	52	53	55	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear				×	Pt Cldy			
Sunshine (in tenths of hours)						.42 / 0	1.0 / 0	0.5 / 0.5	0.7	0.4	0.7	0.6
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	11	11	9	10	10	10	10	10	10	12	11

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	58	59	58	57	54	53	49	47	46	45	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cldy			×	Clear					
Sunshine (in tenths of hours)	0.4	0.8	0.3	0.2	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	9	11	8	6	5	6	8	6	8	8

Sunrise: Time, 5.35; Character, Clear

Sunset: Time, 5.29; Character, Cldy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.7

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 56

Prevailing direction NE

Total movement, 223

Average hourly velocity, 9.3

Maximum velocity, 15 Direction, NE Time. Began 10-19 AM.

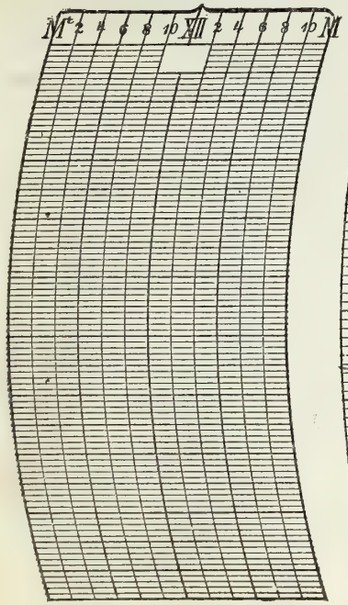
Extreme velocity, 15 NE 10.19 AM.

Relative humidity, 89 a. m. 76 p. m.

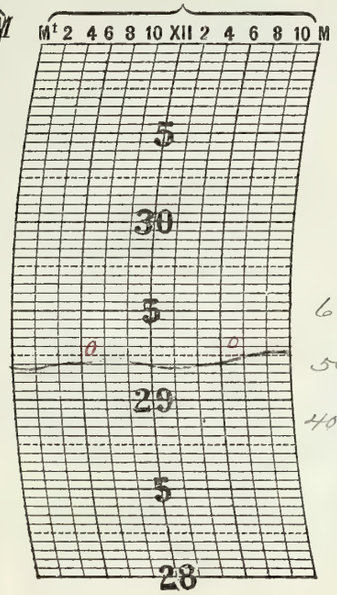
Reduced barometer, 30.14 a. m. 30.14 p. m.

River gage, 4.8 ft.

THERMOGRAPH.



BAROGRAPH.



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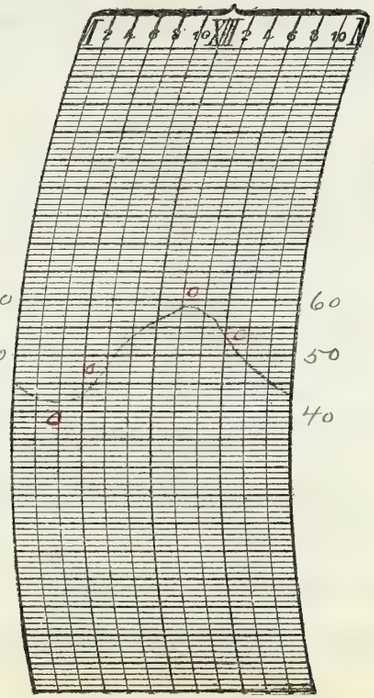


NOTES

The following warning was received from "C.B." at 9.16 A.M. and disseminated in the morning forecast.
Light frost tonight."

Prepared by
Verified by } J.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 29 1915, 191

Time (local standard) 0 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	40	39	38	37	38	42	47	50	53	57	59	61	62	61	60	57	54	52	50	48	47	45
State of weather: Nature of precipitation and time of beginning and end																								
Amounts of precipitation																								
Cloudiness and other conditions				←		cldy			→	Pcldy			←			Clear							→	
Sunshine (in tenths of hours)		1				0	0	0	0.2	0.4	0.5	1.0	1.0	1.0	1.0	0.8	0.2 / 1.0 / .45	0						
Wind direction	NE	NE	NE	N	N	NE	N	N	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	N	NE	E	E	N	N
Wind movement	8	8	8	7	7	8	7	8	8	8	5	7	8	6	10	11	10	8	7	8	8	4	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.36; Character, Cloudy

Sunset: Time, 5.27; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	37	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PtCloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.6

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 64

Prevailing direction NE

Total movement, 181

Average hourly velocity, 7.5

Maximum velocity, 14 Direction, NE Began 3.20 PM

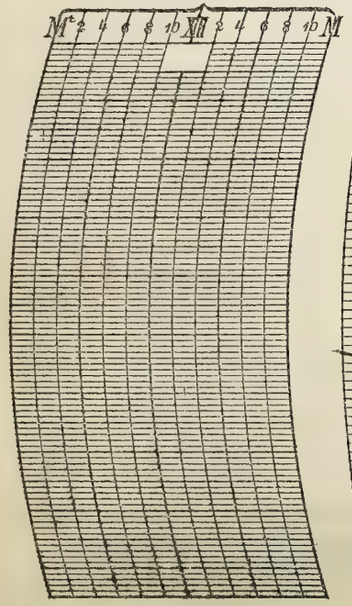
Extreme velocity, 14 - NE - 3.20 PM

Relative humidity, 91 a. m. 71 p. m.

Reduced barometer, 30.22 a. m. 30.21 p. m.

River gage, 4.4 ft.

THERMOGRAPH.



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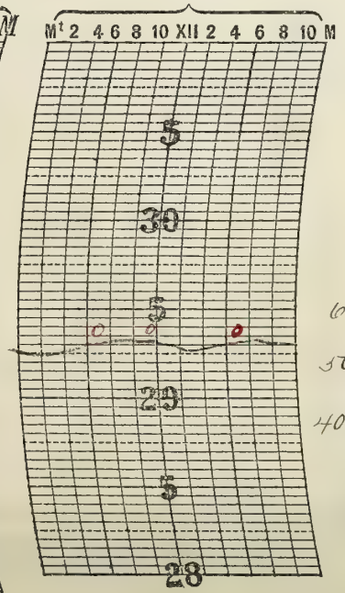

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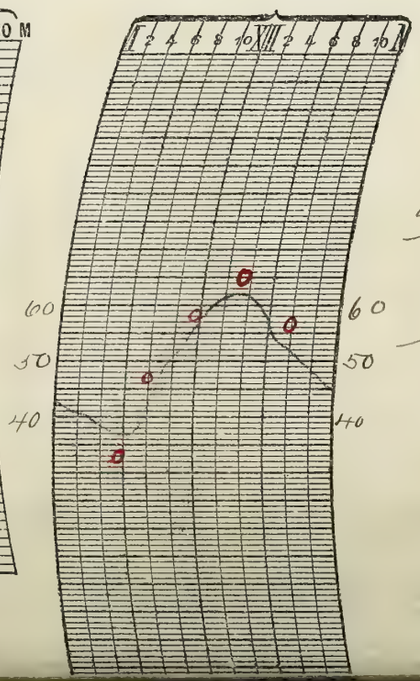


NOTES.

Light frost occurred in the morning.
The following warning was received from "C.O." at 9.20 A.M. and was disseminated in the morning forecast.
"Fair tonight, probably frost north and central portions."

Prepared by } H.P.C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 30 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	43	45	51	54	57	61	63	65	65	64	63	61	59	58	57	57	56	55	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy												Cloudy						
Sunshine (in tenths of hours)						0	0	0	0+	1.0+	1.0+	1.0+	0.2+	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	7	7	8	8	8	7	9	11	12	13	11	13	14	12	12	14	11	14	12	12	13	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.37; Character, Cloudy

Sunset: Time, 5.25; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 3.6

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 31

Prevailing direction NE

Total movement, 256

Average hourly velocity, 10.7

Maximum velocity, 18 Direction, NE Time. Began 1.24 PM.

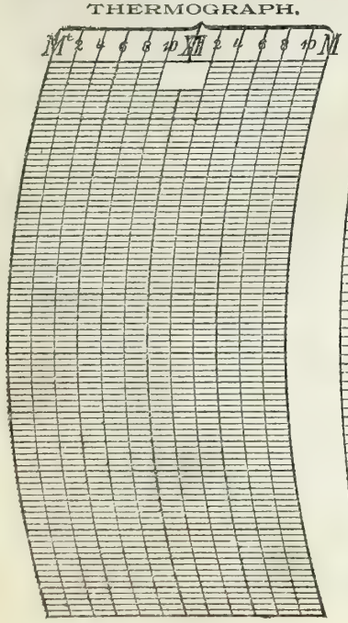
Extreme velocity, 18 - NE - 1.25 PM.

Relative humidity, 92 a. m. 87 p. m.

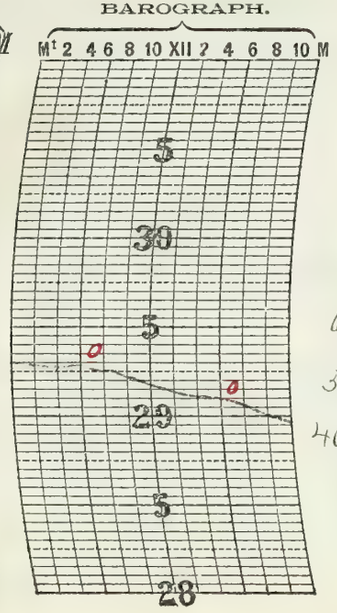
Reduced barometer, 30.20 a. m. 30.00 p. m.

River gage, 4.0 ft.

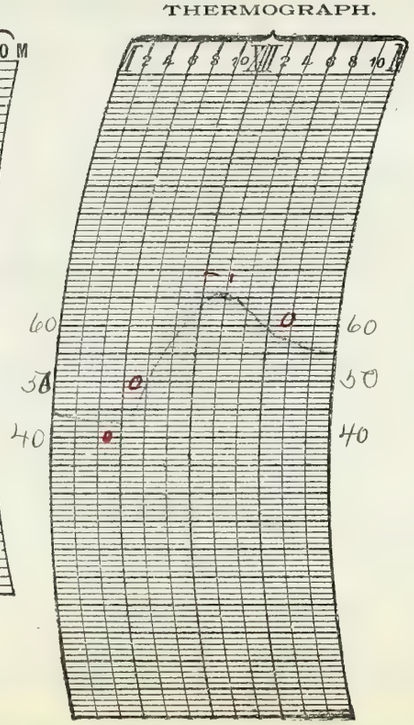
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A faint solar halo of 22° arc. was observed from 10.30 A.M. to 2.30 P.M.

Sun shining through ci. St. clou

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 1 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	53	54	54	53	52	52	52	52	52	53	55	57	57	56	56	55	55	54	53	52	49	49
State of weather: Nature of precipitation and time of beginning and ending			RB DN														RE 4.50							
Amounts of precipitation			.04	.01	.11	.11	.06	.02	.08	.07	.16	.06	T	.02	T	T	.01							
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, Character	5.38 Cloudy																							
Sunset: Time, Character																					5.23 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	12	15	15	13	13	13	13	13	11	13	11	9	15	12	10	10	11	10	11	9	8	6	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Maximum.	Minimum.	Mean.	Normal.
	57	49	53	

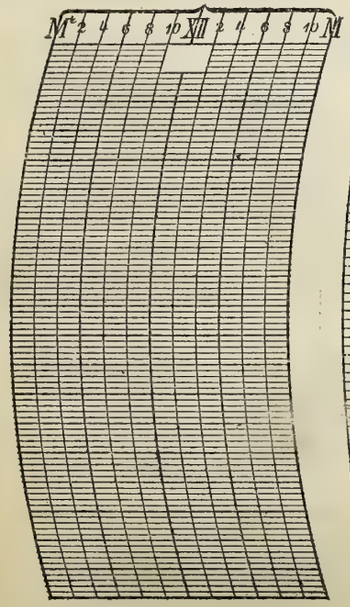
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .33 ins.; to 7 p. m., .42 ins.
Total precipitation, midnight to midnight, .75 inches.
Character of day, Cloudy Moon phase Last Quarter
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 0
Prevailing direction N. NW.
Total movement, 262
Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
18	NE	Began 1.23 PM.

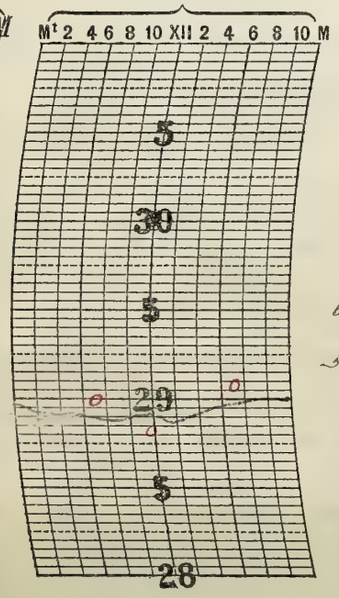
Extreme velocity, 19-NE - 1.23 PM.
Relative humidity, 100 a. m. 91 p. m.
Reduced barometer, 29.79 a. m. 29.87 p. m.
River gage, 3.8 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

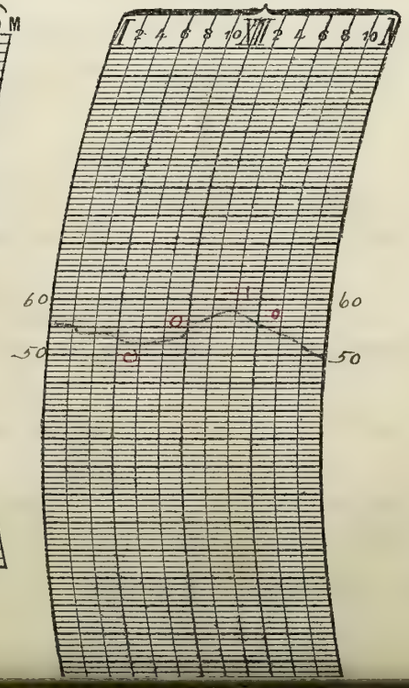
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The rain during the afternoon was mostly in the form of mist.

Prepared by
Verified by } J.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) O 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	44	43	42	43	51	54	60	62	64	67	68	68	67	67	65	63	61	59	58	56	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	clear								clear					→	Cloudy				
Sunshine (in tenths of hours)						.35 / 0	1.0 / 0	0.7 / 0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0	0						
Wind direction	W	NW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	SE	SE
Wind movement	5	4	4	2	3	2	2	1	3	6	5	6	5	5	5	6	3	3	3	4	4	5	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.39 Character, Clear

Sunset: Time, 5.22 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	68	42	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 9.4

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 80

Prevailing direction SW

Total movement, 97

Average hourly velocity, 4.0

Maximum velocity, 9 Direction, SW Time. Began 12.51 P.M.

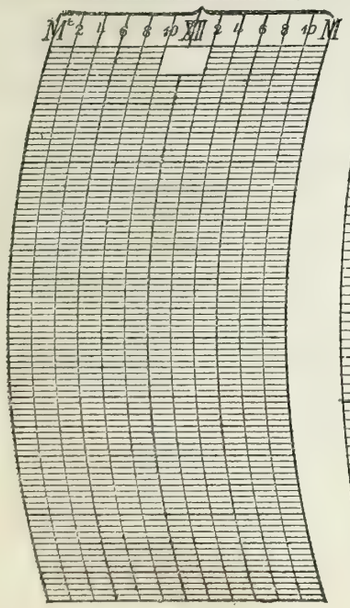
Extreme velocity, 9 - SW - 12.51 P.M.

Relative humidity, 98 a. m. 72 p. m.

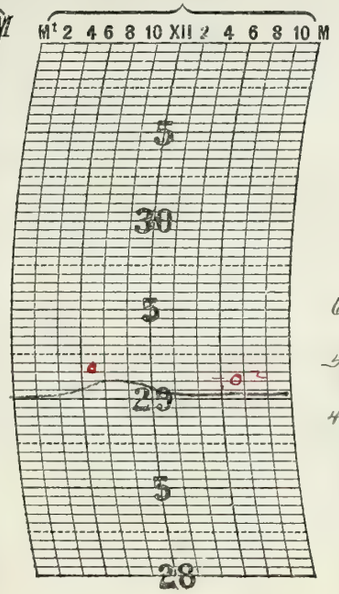
Reduced barometer, 29.99 a. m. 29.93 p. m.

River gage, 4.0 ft

THERMOGRAPH.



BAROGRAPH.



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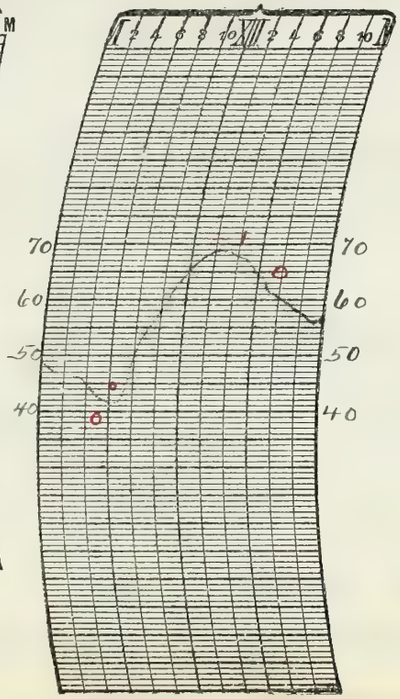


NOTES

Light fog prevailed from D.N.A. to 7.20 A.M.

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 3 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	55	54	54	55	61	68	72	75	76	77	78	77	75	72	70	69	68	68	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy	×	Cldy	×	Clear						Clear									
Sunrise: Time, Character,	5.40 Cloudy																							
Sunset: Time, Character,																					5.20 Clear			
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	.3						
Wind direction	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	S	S	S
Wind movement	3	5	4	4	7	6	7	6	4	7	9	11	13	13	12	12	6	8	9	10	12	12	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 8.9

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 76

Prevailing direction S.

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity, 16 Direction, SW Time. Began 1.04 P.M.

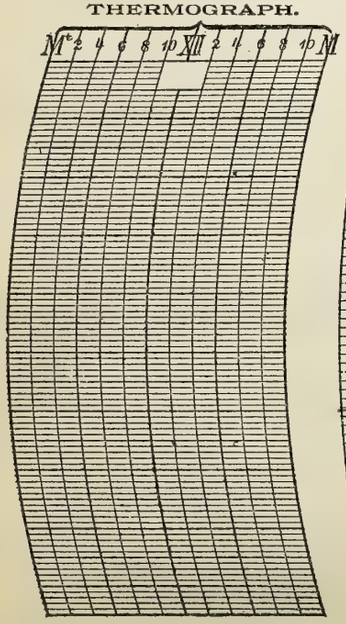
Extreme velocity, 17 - SW 1.05 P.M.

Relative humidity, 100 a. m. 67 p. m.

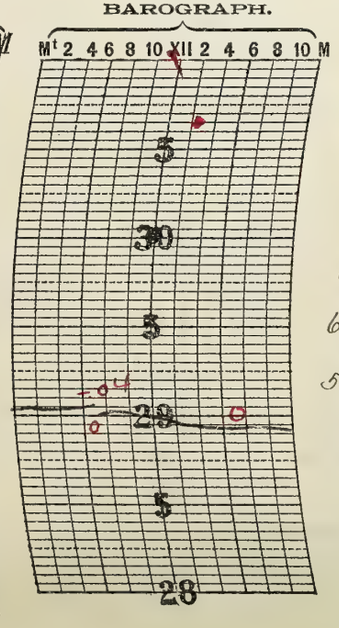
Reduced barometer, 29.94 a. m. 29.87 p. m.

River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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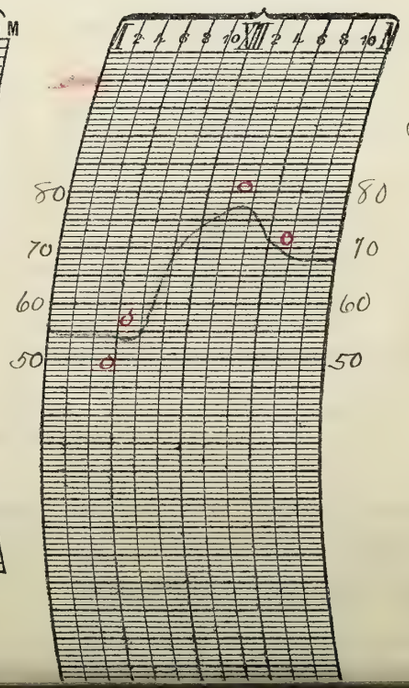


NOTES.

Dense fog prevailed from D.N.A. to 7.20 A.M.

Light fog prevailed from 7.20 A. to 7.50 A.M.

Prepared by J.H.T.C.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 4 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	64	64	66	69	71	74	74	72
Nature of precipitation and time of beginning and ending												RB 11.50
Amounts of precipitation												T
Cloudiness and other conditions					Clear					x Pt cldy x		
Sunshine (in tenths of hours)						.32 0	1.0 0	0.9 0.1	1.0	1.0	0.6	0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	10	11	10	11	13	14	13	18	18	17	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	63	64	63	61	61	53	52	51	51	50
Nature of precipitation and time of beginning and ending	RE 12.50		RB 1.35	RE 2.40								
Amounts of precipitation	T	T	.01	.03								
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						
Wind direction	SW	SW	W	SW	W	SW	W	W	W	W	W	W
Wind movement	16	18	13	15	12	9	13	17	12	18	13	18

Sunrise: Time, 5.41; Character, Clear

Sunset: Time, 5.19; Character, Cloudy

Maximum 29 velocities (exceeding ___ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	71	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 43

Prevailing direction SW.

Total movement, 330

Average hourly velocity, 13.8

Maximum velocity, 24 Direction, SW Time. Began 9.09 AM

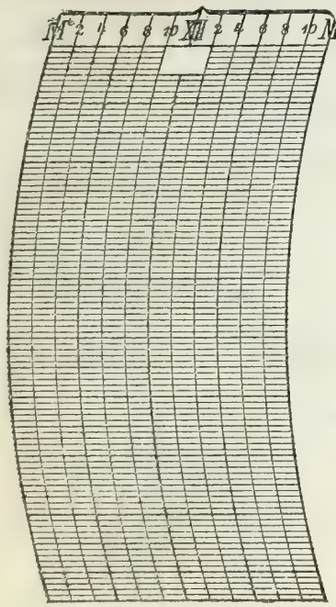
Extreme velocity, 24 - SW - 9.09 AM

Relative humidity, 82 a. m. 71 p. m.

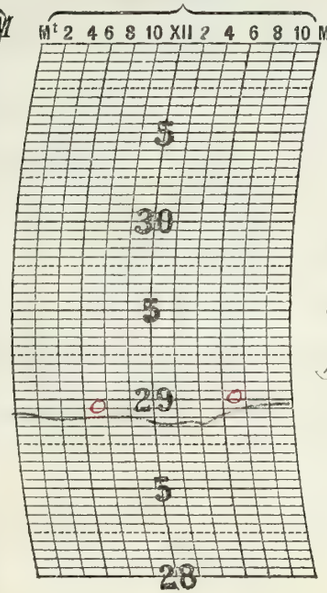
Reduced barometer, 29.81 a. m. 29.85 p. m.

River gage, 5.0 ft.

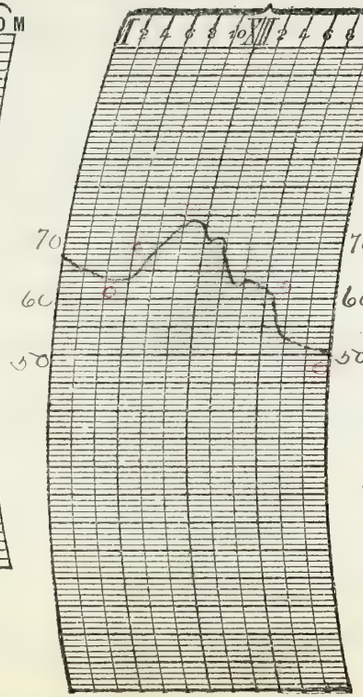
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

The sky was 10 cloudy from 11.40 A.M. to 4.30 P.M.; 9 cloudy from 4.30 to 6.30 P.M. 8 cloudy from 6.30 P.M. to 7.10 P.M.; 9 cloudy from 7.10 P.M. to 7.20 P.M.; 10 cloudy the rest of the night. The evening was rather dark. The following warning was received from "CO" at 9.53 A.M. and disseminated with the morning forecast. "colder tonight frost north portion and probably in central portion of weather clears."

Prepared by }
Verified by } HFC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 5 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	47	46	46	46	46	46	47	48	48	48	48	48	48	47	47	47	47	46	45	45	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, Character	5.42 Cloudy																				Sunset: Time, Character 5.17 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	14	13	14	12	11	9	12	9	9	10	8	11	10	11	10	10	9	9	6	6	4	5	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	45	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 218

Average hourly velocity, 9.1

Maximum velocity, 17 Direction, W Time. Began 2.37 AM

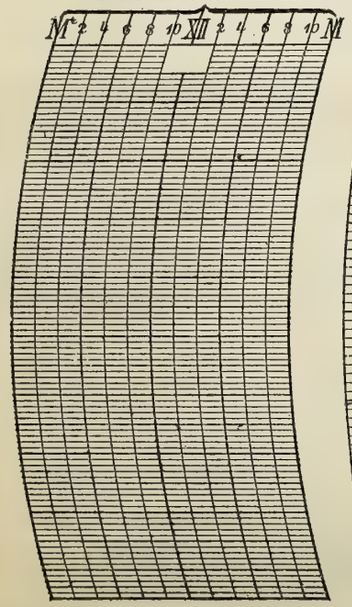
Extreme velocity, 17 - W - 2.37 AM

Relative humidity, 93 a. m. 84 p. m.

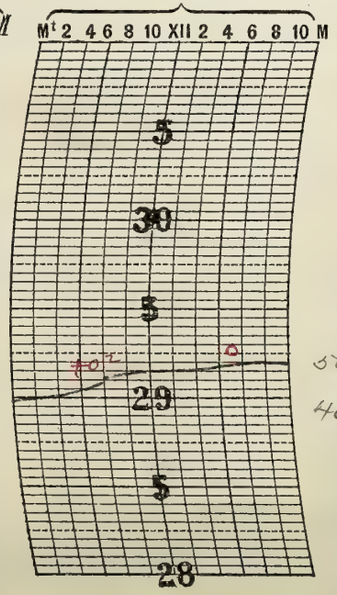
Reduced barometer, 30.01 a. m. 30.12 p. m.

River gage, 5.2 ft.

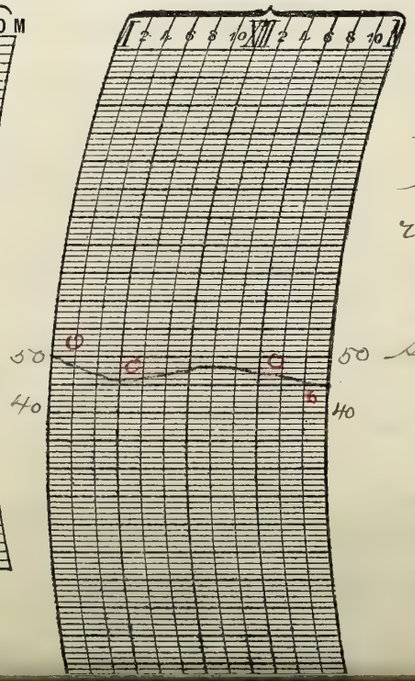
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The following warning was received from "CO" at 9.15 AM. and disseminated in the morning forecast. "Fair tonight with probably light frost."

The evening was rather dark with overcast sky.

Prepared by
Verified by } J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 6 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44	44	43	44	49	50	51	53	55	56	57	57	56	55	53	51	49	48	47	46	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy						Hazy						Clear									
Sunrise: Time, 5.43 Character, Cloudy																					Sunset: Time, 5.15 Character, Clear			
Sunshine (in tenths of hours)			0			0	0	0	0.4	0.6	0.8	1.0	0.9	0.9	1.0	0.8 0.2	1.0 0	.25 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	S	SE	SE	SE	SE	SE	E	SE	SE	SE
Wind movement	3	4	3	4	4	3	2	3	6	6	6	7	7	6	6	5	6	6	4	6	6	5	4	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

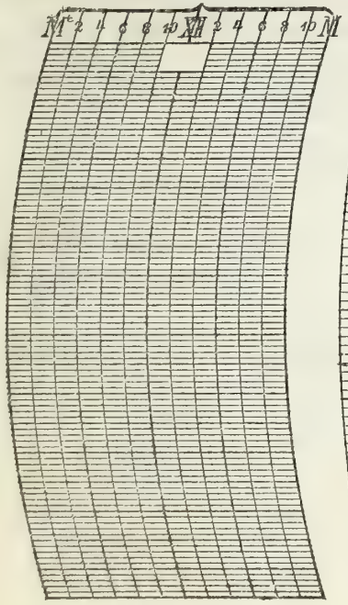
	Maximum.	Minimum.	Mean.	Normal.
	57	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Partly cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 7.8
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 68
Prevailing direction SW
Total movement, 119
Average hourly velocity, 5.0

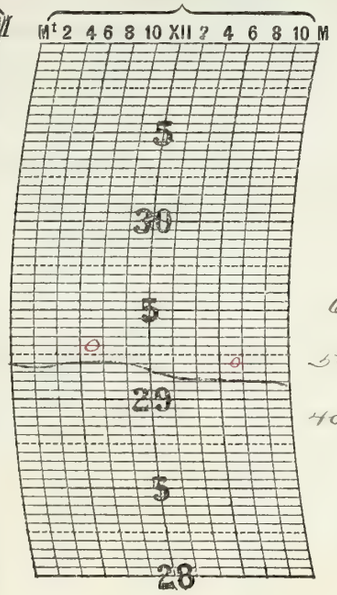
Maximum velocity,	Direction,	Time.
10	SW	Began 11.31 AM

Extreme velocity, 10 - SW - 11.31 AM.
Relative humidity, 85 a. m. 76 p. m.
Reduced barometer, 30.14 a. m. 30.04 p. m.
River gage, 4.9 ft.

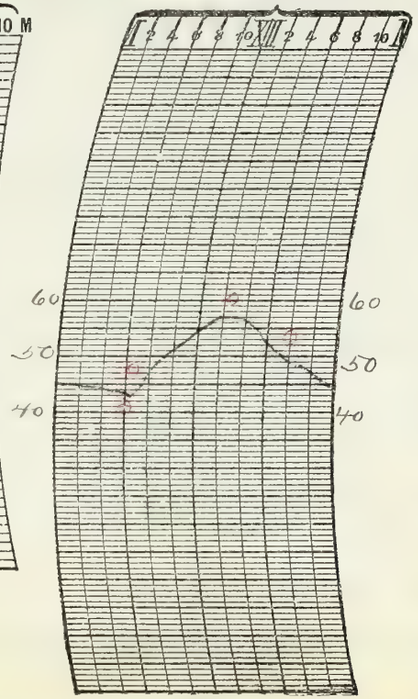
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by }
Verified by } HFT

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 7 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	46	45	45	46	47	48	50	51	52	53	52	50	46	45	44	44	42	42	42	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				← P.C.		→ Cloudy				Cloudy									
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	0.7	0.8	0.6	0.3	0.1	0.1	0	0						
Wind direction	SE	S	S	S	SW	SW	SW	SW	W	W	SW	SW	SW	SW	W	W	W	SW	W	SW	SW	SW	SW	SW
Wind movement	8	8	8	9	10	10	12	15	16	17	20	17	21	21	19	22	13	13	18	16	14	14	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.44 Character, Cloudy

Sunset: Time, 5.14 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	39		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.9

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 43

Prevailing direction SW

Total movement, 345

Average hourly velocity, 14.4

Maximum velocity, 27 Direction, SW Time. Began 1.16 PM

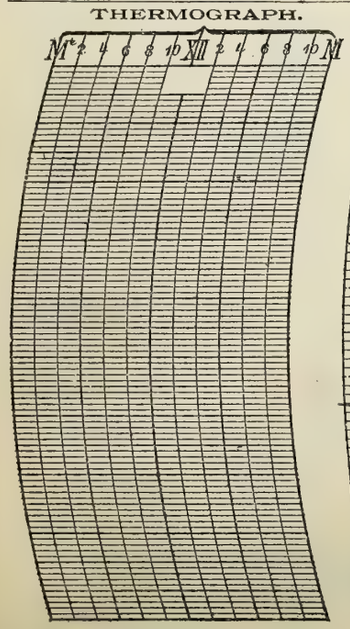
Extreme velocity, 27-SW-1.16 PM

Relative humidity, 82 a. m. 70 p. m.

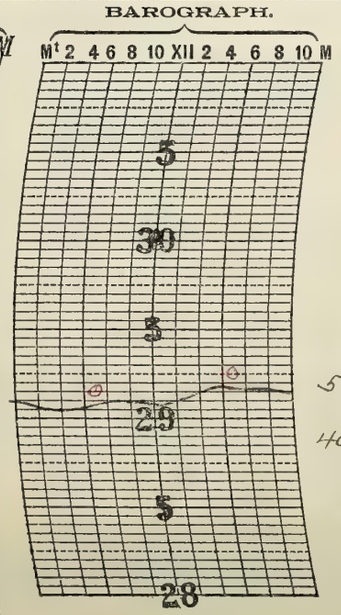
Reduced barometer, 30.01 a. m. 30.11 p. m.

River gage, 4.5 ft

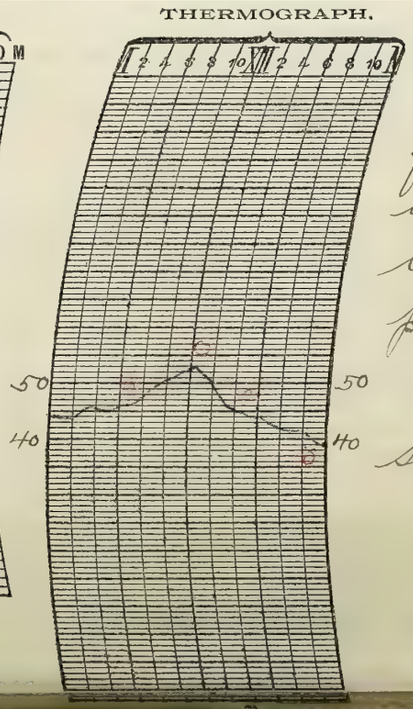
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The following warning was received from "CO." at 9.45 A.M. and disseminated in the morning forecast: "Colder tonight with frost, probably heavy north portion."

The evening was rather dark with overcast sky.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 8 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	35	34	33	34	38	41	42	42	42	42	42	42	42	41	41	41	40	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																	RB 4.10 RE 4.40			RB 7.10				
Amounts of precipitation																	T			T	T	T	T	T
Cloudiness and other conditions					← Clear				→ P.C.		×	Cloudy												
Sunshine (in tenths of hours)						.25 0	1.0 0	1.0 0	0.2 0.8	0.8	0	0	0.2	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	14	13	12	12	13	10	12	14	16	18	15	18	19	17	17	18	16	16	14	13	13	13	13	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.45 Character, Clear

Sunset: Time, 5.12 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, New Moon 5.47 P.M.

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.2

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 37

Prevailing direction SW.

Total movement, 350

Average hourly velocity, 14.6

Maximum velocity,	Direction,	Time.
25	SW	Began 11.16 A.M.

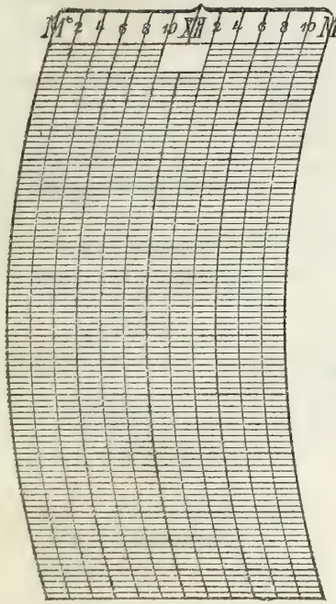
Extreme velocity, 25 - SW - 11.16 A.M.

Relative humidity, 87 a. m. 86 p. m.

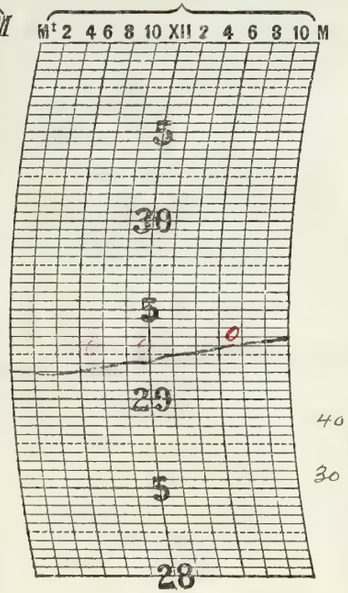
Reduced barometer, 30.09 a. m. 30.24 p. m.

River gage, 3.9 ft.

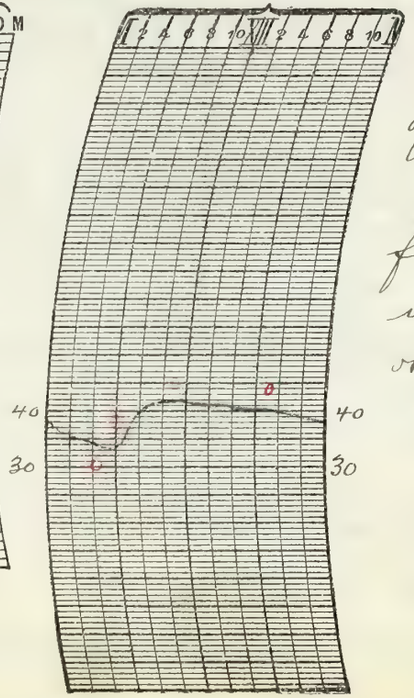
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

A heavy frost with lowest temperature of 33° occurred in the morning.

The following warning was received from "CO" at 9.20 A.M. and disseminated in the morning forecasts "Heavy frost or freezing temperature north portion."

Prepared by }
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 9 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	37	36	36	37	38	39	40	41	43
					RE DN							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	01	01							
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	5.46 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0
Wind direction	W	W	NW	W	W	W	W	W	NW	NW	NW	W
Wind movement	10	8	8	7	7	7	8	8	8	9	9	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	45	44	42	41	40	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Cldy			×	PC	×	Clear				
Sunset: Time, Character,									5.10 Cloudy			
Sunshine (in tenths of hours)	0.1	0.1	0.1	0	0	0						
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	NE
Wind movement	11	9	8	8	5	4	2	2	2	2	3	4
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	45	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 4

Prevailing direction NW. NW.

Total movement, 159

Average hourly velocity, 6.6

Maximum velocity, 12 Direction, NW Time. Began 12.41 P.M.

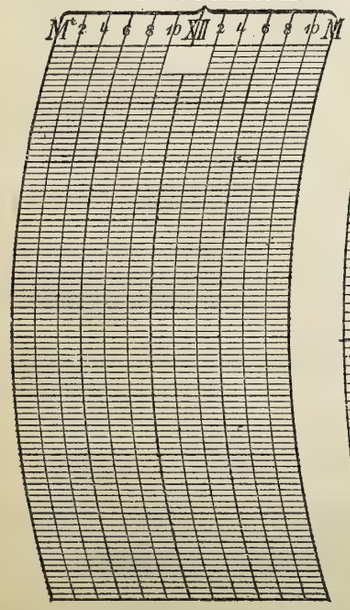
Extreme velocity, 12 - NW - 12.41 P.M.

Relative humidity, 95 a. m., 80 p. m.

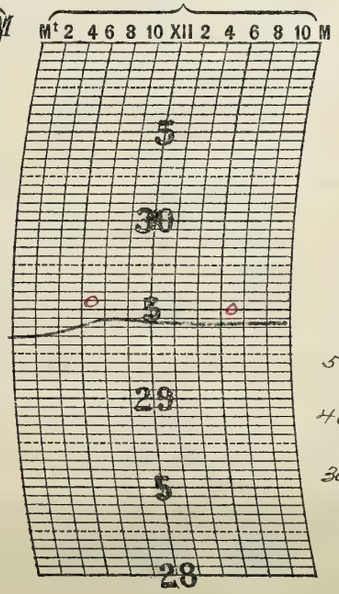
Reduced barometer, 30.37 a. m., 30.36 p. m.

River gage, 3.4 ft. 1

THERMOGRAPH.



BAROGRAPH.



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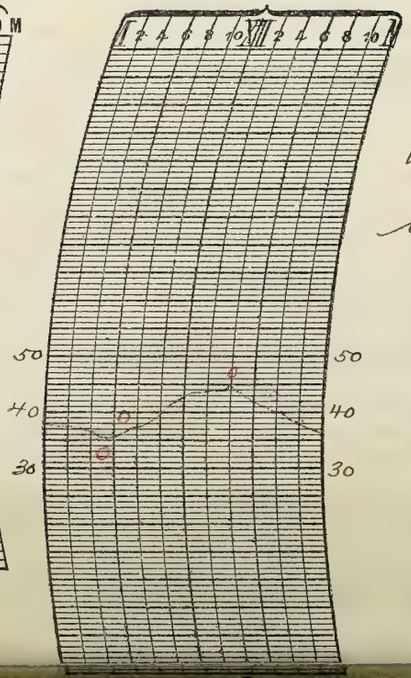


NOTES.

The following warning was received from "C.O." at 9.20 A.M. and disseminated with the morning forecast: "Fair tonight with heavy frost."

Prepared by
Verified by } JHTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	34	34	35	39	42	47	50	51	54	56	57	56	55	53	52	51	50	50	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Cloudy					×	PC	×		Clear							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.9	1.0	1.0 / 0	1.0 / 0	.15 / 0						
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	S	S	S	S	S
Wind movement	5	5	6	6	7	7	8	8	9	12	16	16	16	17	17	16	13	12	11	11	11	13	14	15
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.47; Character, Cloudy

Sunset: Time, 5.09; Character, Clear

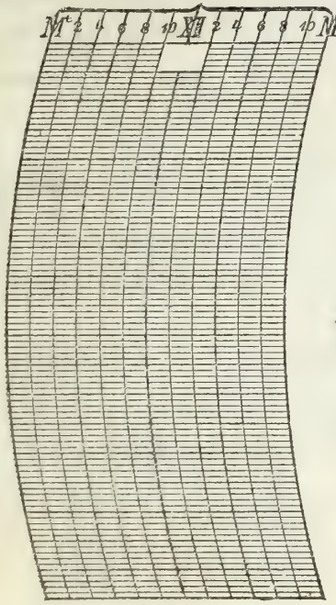
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	57	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 4.0
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 35
Prevailing direction S
Total movement, 273
Average hourly velocity, 11.4

Maximum velocity, 22 Direction, S Began 1.22 PM.
Extreme velocity, 22 - S - 1.22 PM.
Relative humidity, 31 a. m., 49 p. m.
Reduced barometer, 30.41 a. m., 30.10 p. m.
River gage, 3.1 ft.

THERMOGRAPH.



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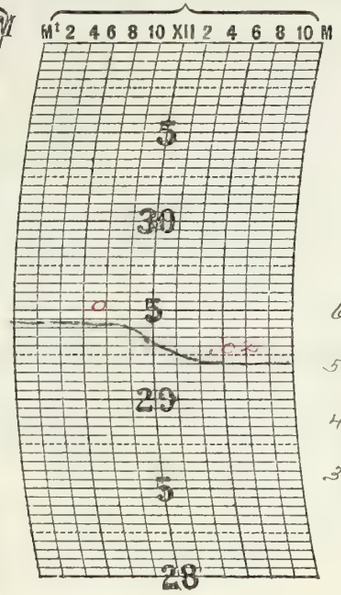

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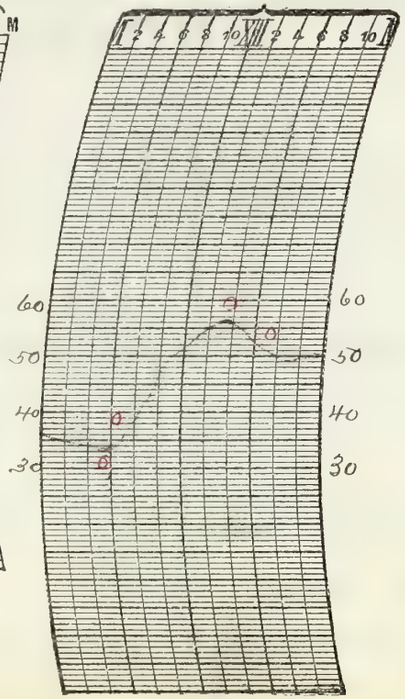


NOTES

Heavy frost formed in the morning.

Prepared by } J.F.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 12 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	47	47	48	56	60	63	66	68	70	69	69	69	65	62	60	58	57	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					× Pt Cldy			× Cloudy								
Sunshine (in tenths of hours)						.20 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	0.4	0	0.5	0	0						
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	14	12	10	11	12	14	16	22	20	24	22	22	21	19	19	16	12	9	10	10	8	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.48 Character, Clear

Sunset: Time, 5.07 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	70	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.1

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 72

Prevailing direction S

Total movement, 357

Average hourly velocity, 14.9

Maximum velocity, 27 Direction, S Time. Began 10.07 AM.

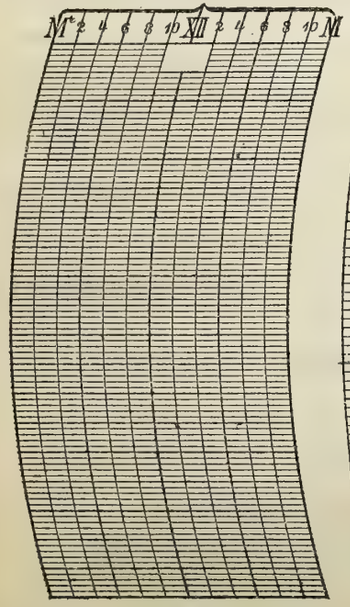
Extreme velocity, 27-S-10.07 AM.

Relative humidity, 67 a. m.; 68 p. m.

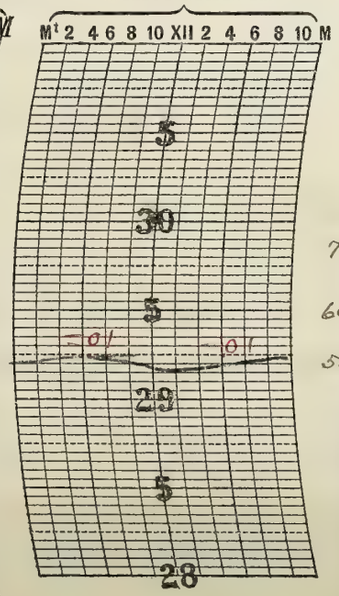
Reduced barometer, 30.14 a. m., 30.12 p. m.

River gage, 2.9 ft

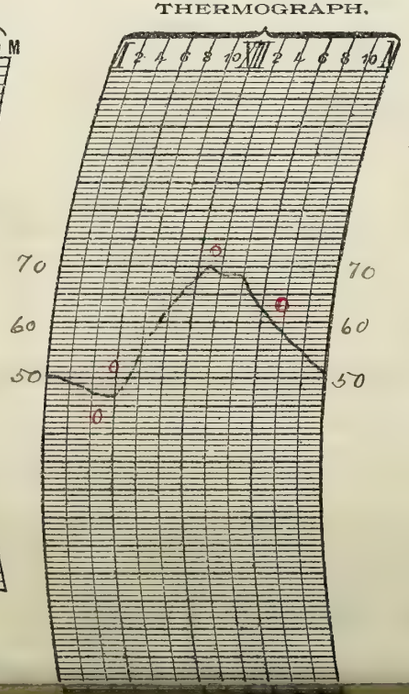
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci St. and A St clouds prevailed during the afternoon.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 12 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	50	49	50	50	50	53	59	63	65	67	68	69	69	68	65	63	61	59	59	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy								→ Cloudy			× Clear								→
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.8	0.1	0.7	1.0	0.7	1.0	1.0	1.0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	SW	S	S	SE	SE	SE	SE	SE	SE
Wind movement	9	10	10	7	7	8	8	9	13	16	15	13	15	16	17	13	12	10	8	9	9	9	9	7

Sunrise: Time, 5.49; Character, Cloudy

Sunset: Time, 5.06; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 5.6

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 50

Prevailing direction S

Total movement, 259

Average hourly velocity, 10.8

Maximum velocity,	Direction,	Time.
19	S	Began 1.04 P.M.

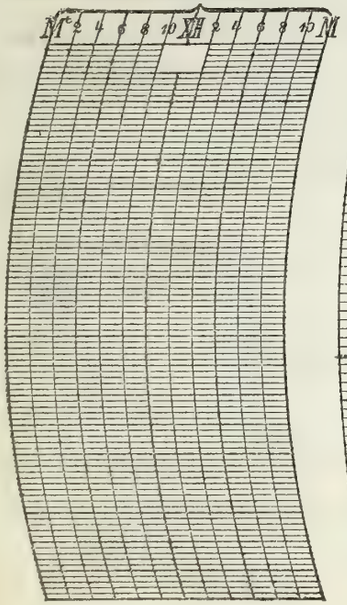
Extreme velocity, 20 S 1.04 P.M.

Relative humidity, 74 a. m. 68 p. m.

Reduced barometer, 30.20 a. m. 30.13 p. m.

River gage, 2.7 ft.

THERMOGRAPH.



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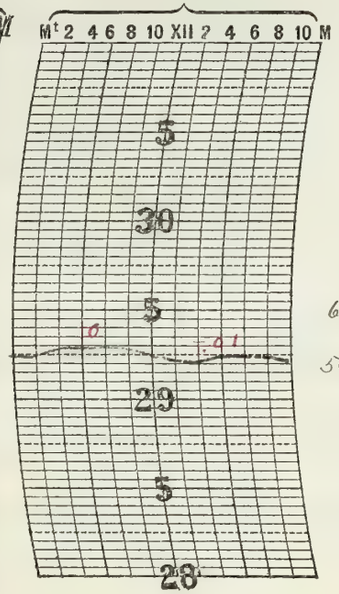

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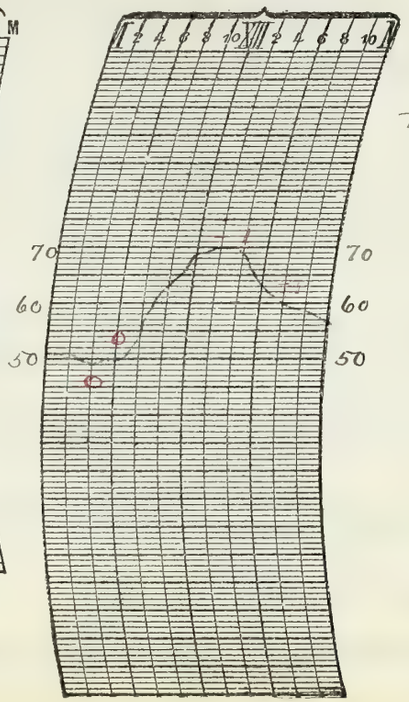


NOTES

Ci. St. and St. clouds prevailed untill 3.00 P.M. when the sky became cloudless.

Prepared by J.F.C.

Verified by O.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 13 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	57	57	58	59	60	64	63	63	64	65
Nature of precipitation and time of beginning and ending								RB 7+0				RE 11.30
Amounts of precipitation								T	T	.04	T	T
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	5.51 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	S	SE	S	S	S	S
Wind movement	8	8	8	10	12	11	11	10	16	17	18	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	69	68	67	67	64	64	63	62	61	60
Nature of precipitation and time of beginning and ending							RB 6.30					RE DN
Amounts of precipitation							.04	T	T	T	.01	T
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									5.04 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	W
Wind movement	20	18	18	17	15	16	16	13	12	11	8	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 1 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 316

Average hourly velocity, 13.2

Maximum velocity, 23 Direction, SW Time. Began 2.03 P.M.

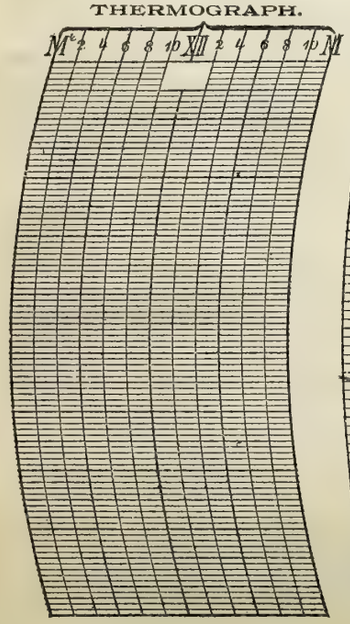
Extreme velocity, 23-SW-2.03 P.M.

Relative humidity, 84 a. m., 100 p. m.

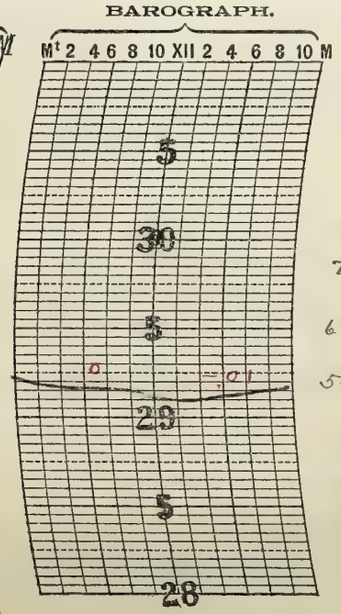
Reduced barometer, 30.09 a. m., 30.02 p. m.

River gage, 2.5 ft.

THERMOGRAPH.



BAROGRAPH.



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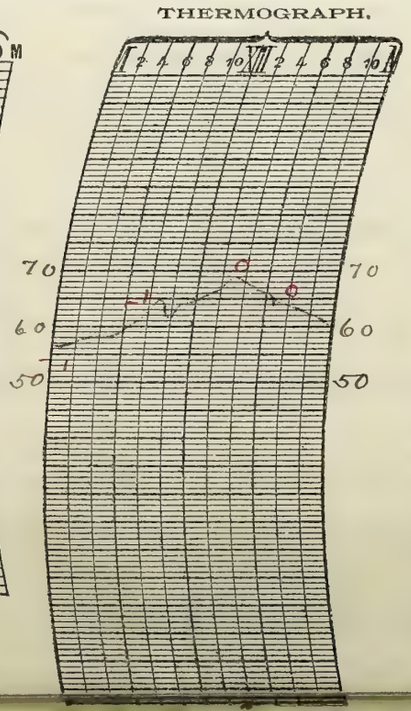


NOTES.

The evening was rather dark.

Prepared by J.H.C.

Verified by [illegible]

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 14 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	58	57	57	57	56	57	58	60	60
Nature of precipitation and time of beginning and ending						RB DN						
Amounts of precipitation						T	T	T	T	T	T	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5.52 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	W	SW	W	SW	SW	SW	W	W	W	E
Wind movement	5	4	3	4	3	4	3	3	1	1	2	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	62	61	60	59	57	56	55	54	53
Nature of precipitation and time of beginning and ending			RE 2.10									
Amounts of precipitation	T	.01	.01									
Cloudiness and other conditions		Cloudy					× P.C. × Clear					
Sunset: Time, 5.02 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	N	NE	N	N	N	N	N	N	N	N
Wind movement	2	4	5	4	4	3	3	5	4	4	5	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	53	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 0

Prevailing direction N.

Total movement, 85

Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
6	N	Began 11.15 P.M.

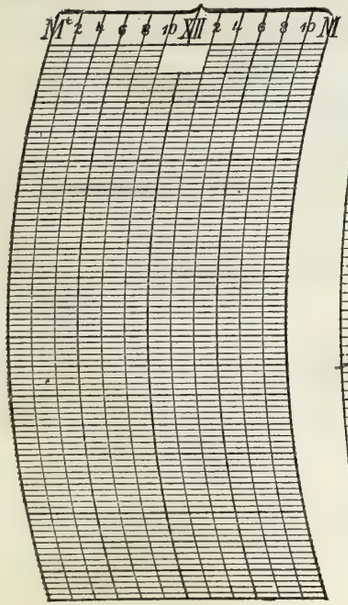
Extreme velocity, 6 – N – 11.15 P.M.

Relative humidity, 94 a. m., 89 p. m.

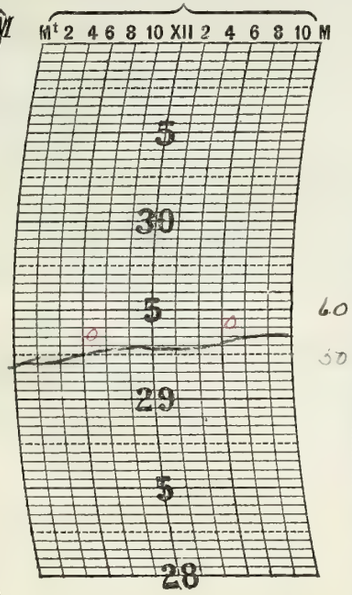
Reduced barometer, 30.19 a. m., 30.23 p. m.

River gage, 2.5 ft

THERMOGRAPH.



BAROGRAPH.



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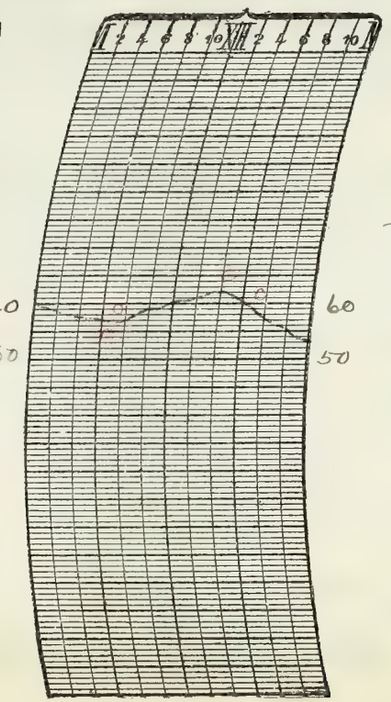


NOTES

The rain during the forenoon was mostly in the form of mist.

The sky cleared at 5.00 P.M. and became cloudless at 6.15 P.M.

Prepared by H.F.C.

Verified by O.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 1 5 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	52	51	52	52	52	53	53	53	54	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	5	9	8	9	9	8	8	10	8	11

Cloudy

Sunrise: Time, 5.53 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	56	57	57	57	56	55	54	53	51	50	49
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE
Wind movement	11	11	10	8	7	7	7	6	5	7	5	4

Cloudy

Sunset: Time, 5.01 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time 1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	49	53.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase First Quarter 9.52 P.M.

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity, 12 Direction, NE Time. Began 12.39 P.M.

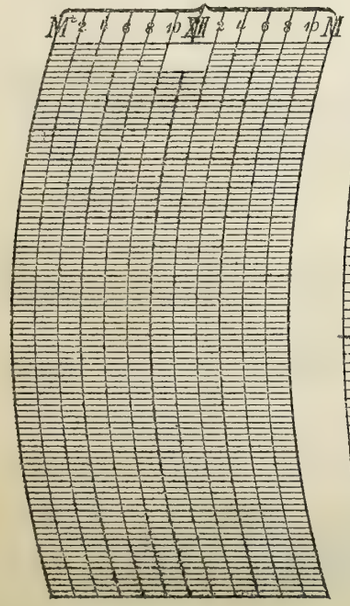
Extreme velocity, 12 - NE - 12.39 P.M.

Relative humidity, 97 a. m., 91 p. m.

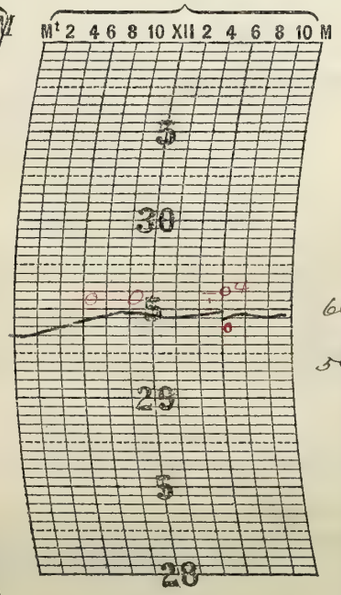
Reduced barometer, 30.38 a. m., 30.41 p. m.

River gage, 2.4 ft.

THERMOGRAPH.



BAROGRAPH.



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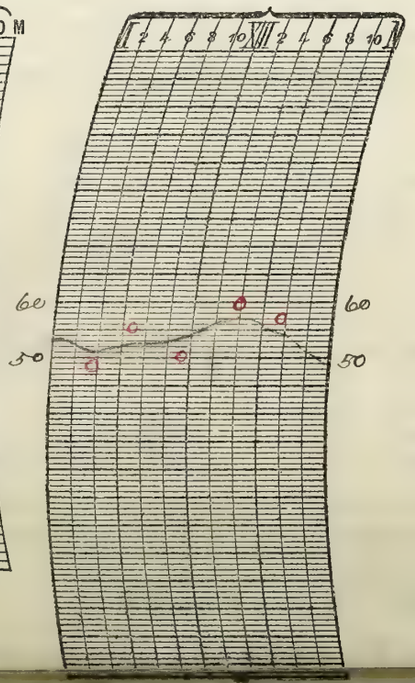


NOTES.

Light fog prevailed from D. N. A. to 9.30 AM.

Prepared by W.T.C.

Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 16 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	49	49	49	48	49	49	50	55	57	57	58	60	62	63	61	58	56	54	53	51	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy					P.C.	Clear				
Sunrise: Time, 5.54 Character, Cloudy																					Sunset: Time, 4.59 Character, Cloudy			
Sunshine (in tenths of hours)		1				0	0	0	0.4	0.9	0.2	0	0	0.4	0.2	0	0					1		
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	E	E	E	E	NE	E	E	E	E
Wind movement	5	6	7	5	7	4	7	9	8	5	6	6	7	5	5	7	5	5	6	7	8	7	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
63	48	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.1

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 19

Prevailing direction E.

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity, 12 Direction, NE Began 7.49 AM.

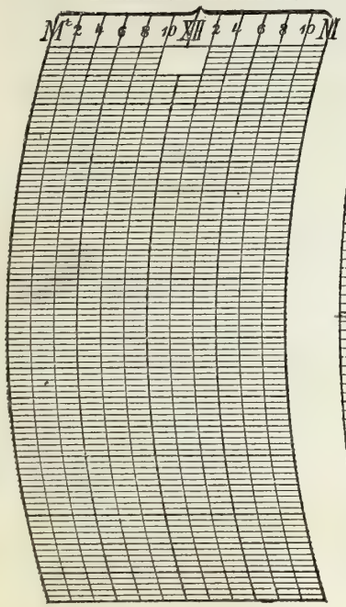
Extreme velocity, 12 - NE - 7.49 AM.

Relative humidity, 96 a. m. 85 p. m.

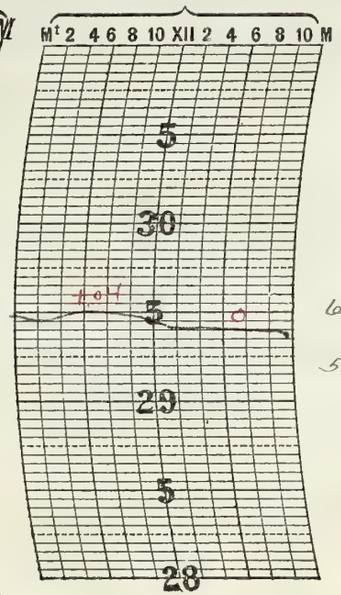
Reduced barometer, 30.48 a. m. 30.34 p. m.

River gage, 2.7 ft.

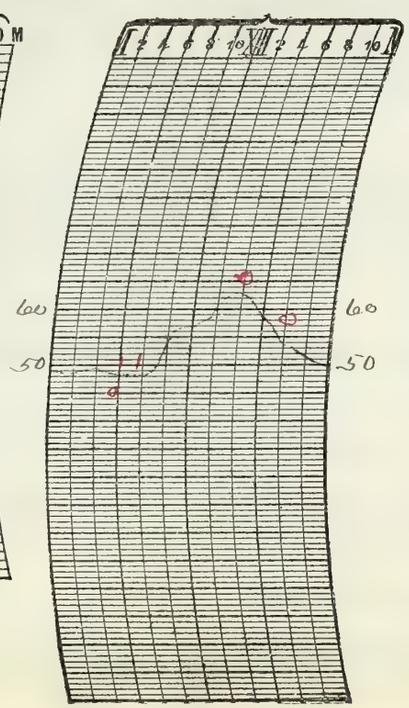
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Moon light in the evening.

Prepared by HFC.
Verified by MCS.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 1 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	46	46	47	49	52	56	62	68	69	70	70	70	69	66	65	65	65	62	61	62
State of weather: Nature of precipitation and time of beginning and ending																						TRB 9.02	F	
Amounts of precipitation																						36	11	
Cloudiness and other conditions					Cloudy							Pt Cldy				Pt Cloudy						Cloudy		
Sunrise: Time, Character,	5.55 Cloudy																				Sunset: Time, Character,	4.58 Cloudy		
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.6	1.0	0.3	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	E	SE	E	E	E	SE	SE	SE	SE	S
Wind movement	6	5	5	6	3	5	6	3	5	4	5	4	6	5	5	5	6	4	6	7	10	11	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	70	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .47 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 1.9

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 17

Prevailing direction E

Total movement, 149

Average hourly velocity, 6.2

Maximum velocity, 15 Direction, S Time. Began 9.51 PM

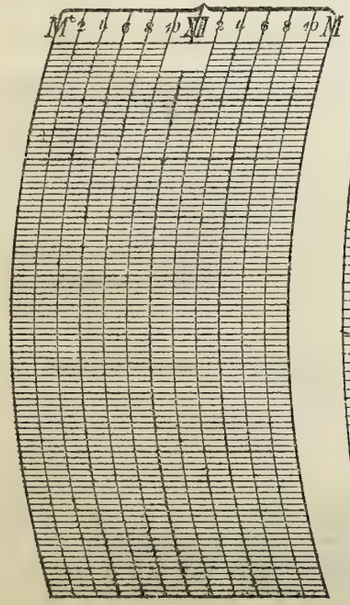
Extreme velocity, 16 - S - 9.51 PM

Relative humidity, 96 a. m. 92 p. m.

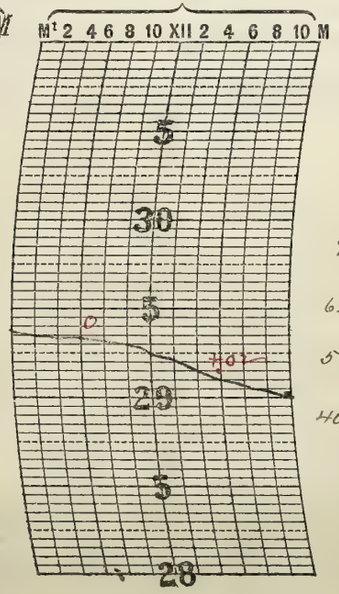
Reduced barometer, 30.26 a. m. 30.06 p. m.

River gage, 3.3 ft.

THERMOGRAPH.



BAROGRAPH.



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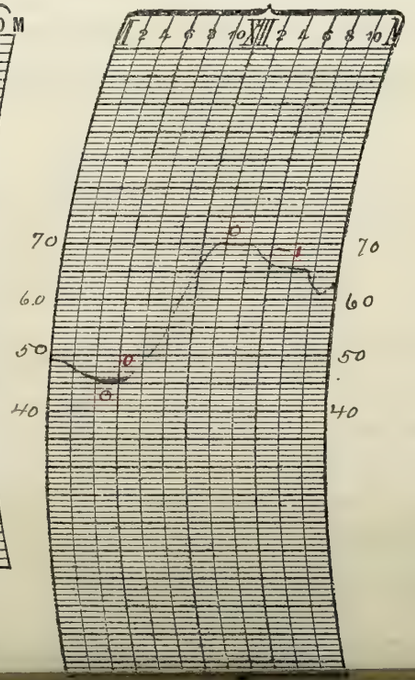


NOTES.

The evening was rather dark

Prepared by H.F.C.

Verified by C.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT. 1 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	63	63	63	63	62	62	62	62	62	63	63	63	62	62	62	60	58	58	57	57	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 5.56 Character, Cloudy																					Sunset: Time, 4.56 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	S
Wind movement	9	8	9	9	8	9	8	11	13	11	12	12	11	9	7	7	6	7	8	7	8	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
63	57	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .47 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 0

Prevailing direction SW.

Total movement, 211

Average hourly velocity, 8.8

Maximum velocity, 16 Direction, SW Began 11.37 AM.

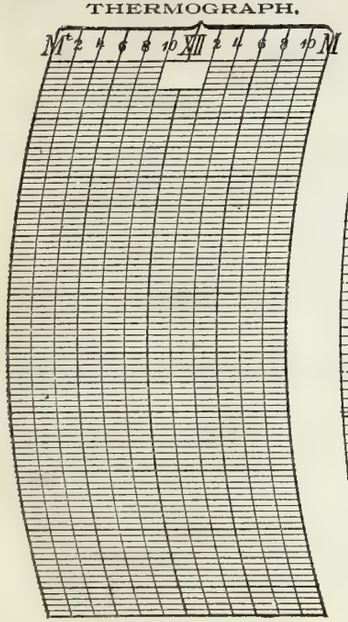
Extreme velocity, 16 - SW 11.37 AM.

Relative humidity, 97 a. m. 89 p. m.

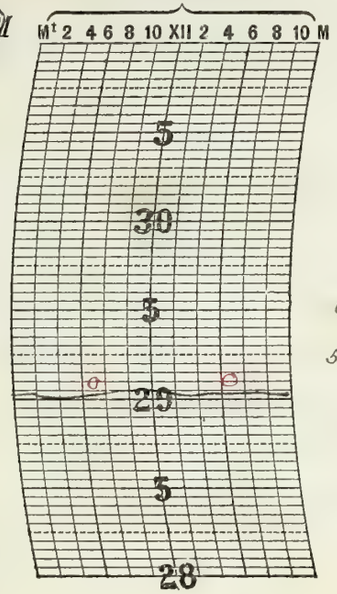
Reduced barometer, 29.95 a. m., 29.96 p. m.

River gage, 4.5 ft.

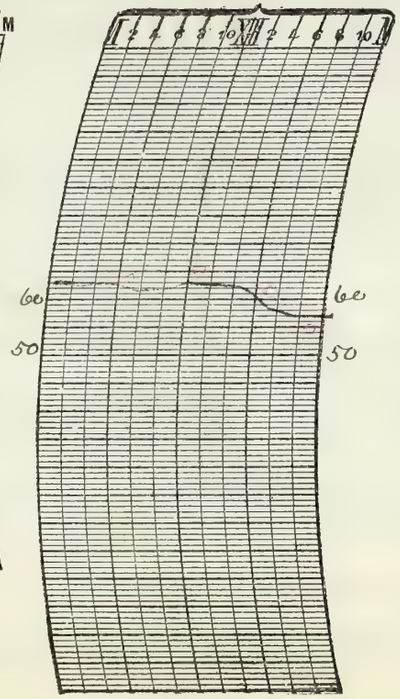
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Moon shone through openings in the St. clouds at intervals.

Prepared by HFC

Verified by C. M. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	57	57	57	56	55	57	58	62	65	66	67	67	66	64	62	60	59	58	58	
State of weather: Nature of precipitation and time of beginning and ending		BB DN RE DN																						
Amounts of precipitation		.06																						
Cloudiness and other conditions								Cloudy				×	Pcldy		×		Clear							
Sunrise: Time, 5.57 Character, Cloudy																					Sunset: Time, 4.55 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.6	1.0	0.8	0.2 0.7	1.0 0	.92 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	S	S
Wind movement	8	7	5	5	5	6	6	7	7	6	6	7	7	8	7	7	4	3	0	2	3	3	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	55	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.2

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 47

Prevailing direction W.

Total movement, 127

Average hourly velocity, 5.3

Maximum velocity, 10 Direction, S Began 1.11 AM

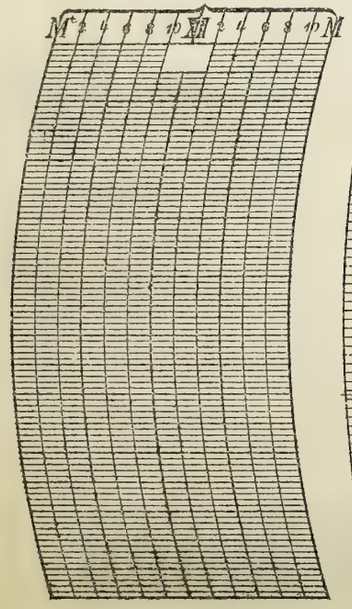
Extreme velocity, 10 - S - 1.11 A.M.

Relative humidity, 97 a. m. 83 p. m.

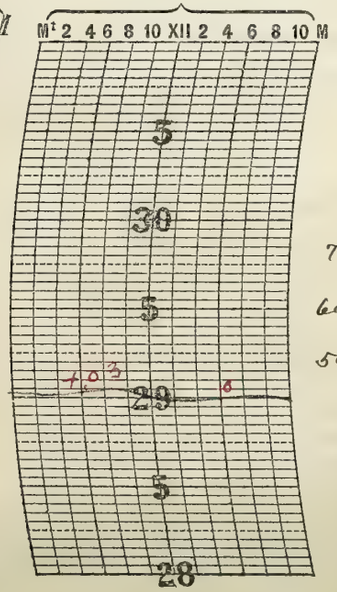
Reduced barometer, 29.99 a. m. 29.93 p. m.

River gage, 4.7 ft.

THERMOGRAPH.



BAROGRAPH.



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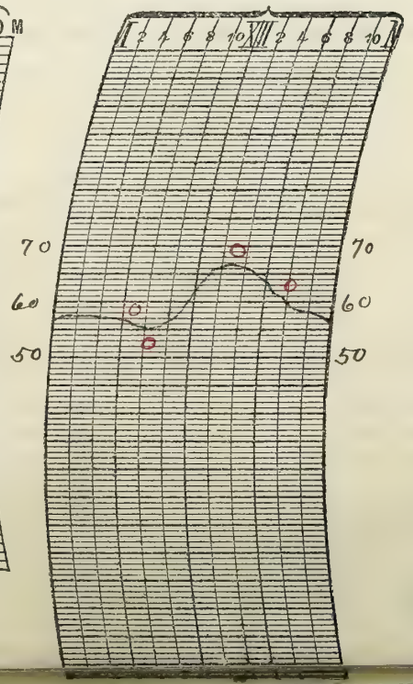


NOTES.

Moon light in the evening.

Prepared by H.T.C.

Verified by P.M.D.

8—186

FORM NO. 1012—REV. 2

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	55	55	54	54	55	59	64	68	70	72	73	74	75	74	71	68	60	56	55	53	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear							Partly				Clear							
Sunrise: Time, 5.53 Character, Cloudy																					Sunset: Time, 4.53 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	0.7	0.5	1.0	1.0	0.8 0.2	0.8 0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	5	5	6	7	6	8	9	11	13	12	13	12	15	9	6	7	13	7	10	8	7	6
Maximum velocities (exceeding 30 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 7.8

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 72

Prevailing direction SW

Total movement, 201

Average hourly velocity, 8.4

Maximum velocity, 16 Direction, NW Began 5.42 P.M.

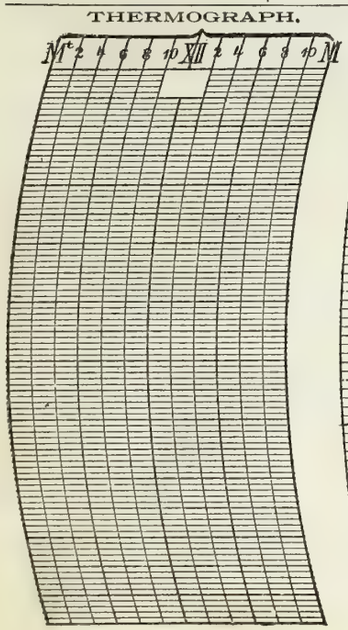
Extreme velocity, 17 - NW - 5.42 P.M.

Relative humidity, 92 a. m., 78 p. m.

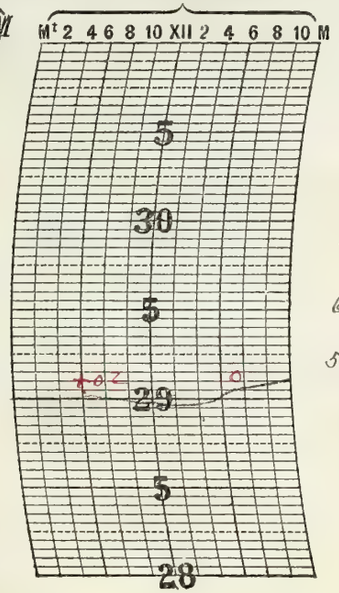
Reduced barometer, 29.95 a. m., 29.97 p. m.

River gage, 5.2 ft

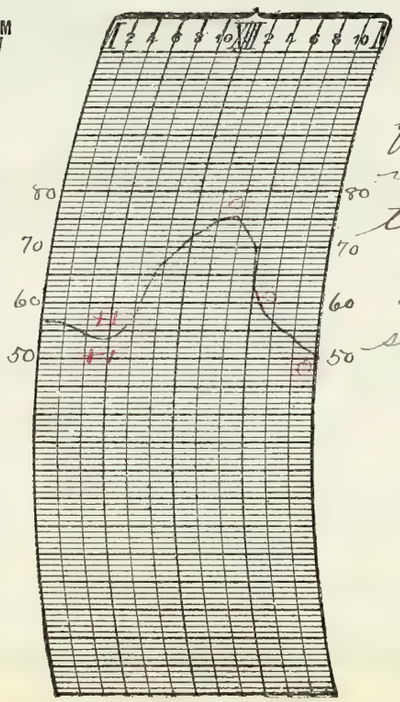
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

The following warning was received from "CO" at 9.16 AM and disseminated with the morning forecasts: "Cooler tonight, probably frost.

Moonlight in the evening with cloudless sky

Prepared by HFC.
Verified by C. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 21 1915, 191

Time (local standard), 120 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	45	45	46	44	43	50	53	57	59	62	64	65	66	65	62	59	57	55	53	51	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt cldy					Clear					Clear									
Sunrise: Time, Character,	5.59 cloudy																				Sunset: Time, Character,	4.52 Clear		
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0							
Wind direction	N	NW	NW	N	N	N	NW	N	N	NW	NW	NW	NW	NW	W	NW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	5	5	7	5	6	5	3	5	6	5	6	7	7	8	9	5	7	8	7	5	5	6	4
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..1.. hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	41	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 0 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 8.7

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 80

Prevailing direction NW.

Total movement, 141

Average hourly velocity, 5.9

Maximum velocity, 11 Direction, W Time. Began 3.24 P.M.

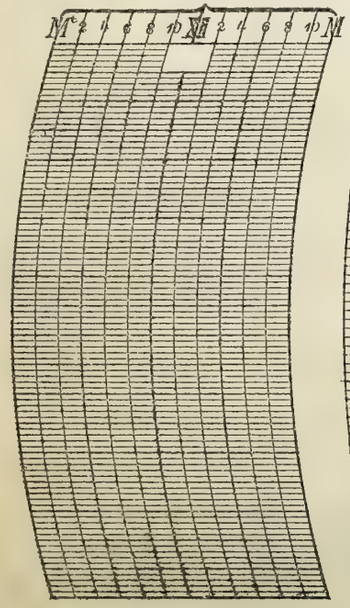
Extreme velocity, 11-W-3.24 P.M.

Relative humidity, 96 a. m., 46 p. m.

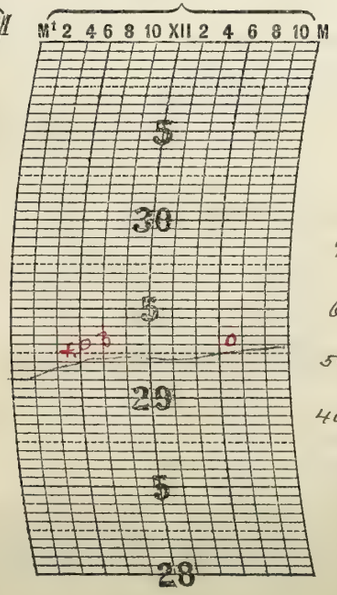
Reduced barometer, 30.20 a. m., 30.19 p. m.

River gage, 5.3 ft.

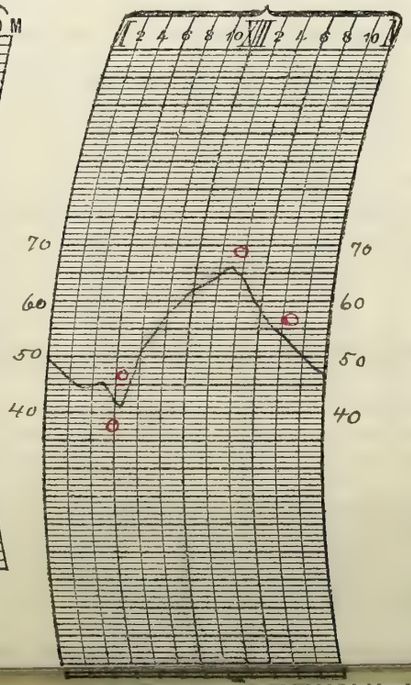
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Bright moonlight in the evening

Prepared by J.H.C.

Verified by P.M.O.

Form No. 1012—Sect. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 22 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	44	43	42	43	43	43	49	55	59	62	64	66	67	66	64	63	61	59	57	54	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunshine (in tenths of hours)							1.00 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.5 0							
Wind direction	NW	NW	0	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	2	2	0	2	3	2	2	2	3	4	4	7	8	8	8	7	6	5	7	7	5	4	2	2
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6.00; Character, Clear

Sunset: Time, 4.51; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	67	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 0 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase Full Moon 5th

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 10.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 102

Average hourly velocity, 4.2

Maximum velocity, 12 Direction, NW Time. Began 12.41 P.M.

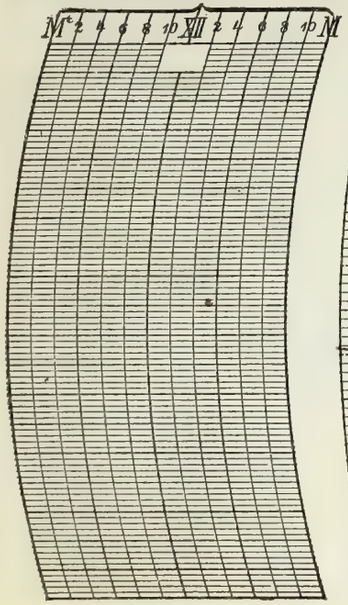
Extreme velocity, 12 - NW - 12.41 P.M.

Relative humidity, 81 a. m., 42 p. m.

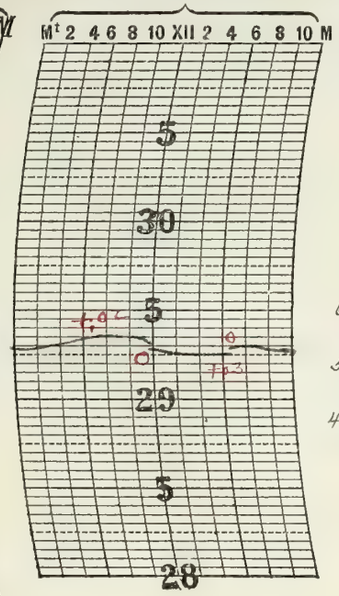
Reduced barometer, 30.30 a. m., 30.23 p. m.

River gage, 4.9 ft

THERMOGRAPH.



BAROGRAPH.



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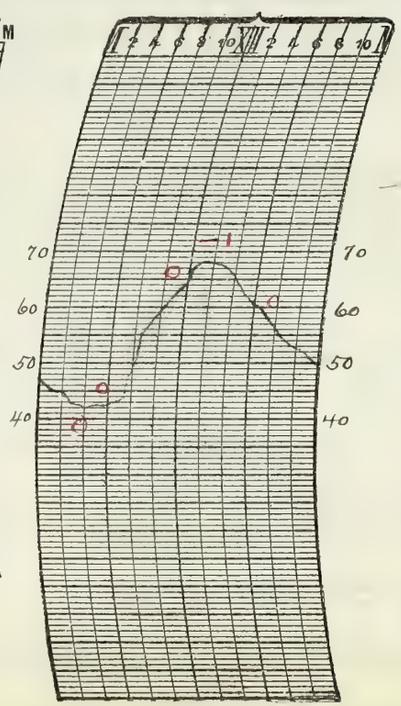


NOTES

Light frost occurred in the morning.
The sky was cloudless from sunrise to sunset.
Bright moonlight in the evening.

Prepared by J.E.Q.
Verified by O.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 23 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

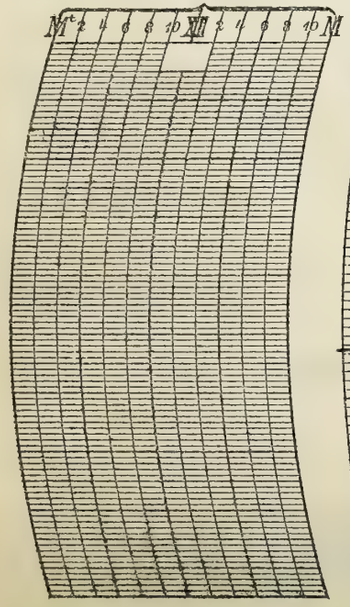
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	44	44	41	41	41	46	50	60	61	62	62	61	60	55	52	49	45	46	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←		Clear						→ Pt.	Cldy							→	Clear			→
Sunrise: Time, Character,	6.02 Cloudy																				Sunset: Time, Character, 4.49 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	0.7	0.6	0	0	0	0							
Wind direction	NW	NW	0	0	NW	NE	NE	N	N	S	S	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	1	4	0	0	2	1	2	1	2	[illegible]	[illegible]	[illegible]	7	9	10	11	11	10	11	9	8	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
62	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 2.9
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 27
Prevailing direction NE.
Total movement, 132
Average hourly velocity, 5.5
Maximum velocity, 14 Direction, NE Began 6.32 PM.
Extreme velocity, 14 – NE – 6.32 PM.
Relative humidity, 89 a. m., 76 p. m.
Reduced barometer, 30.26 a. m., 30.18 p. m.
River gage, 4.4 ft

THERMOGRAPH.



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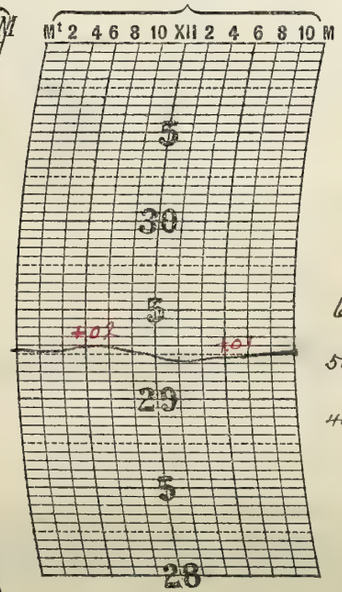

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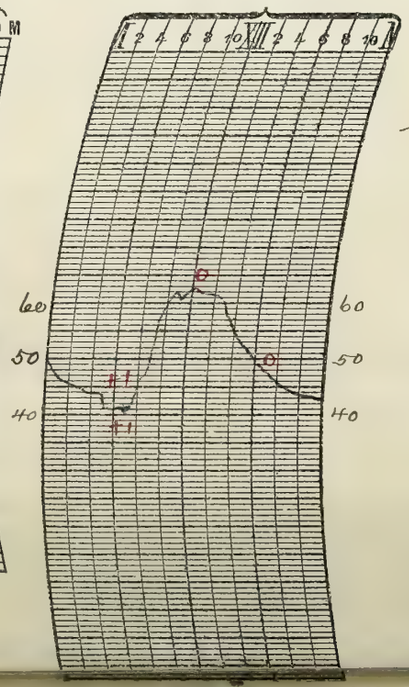


NOTES.

The word "Clear" was added to the morning cipher report.
Moonlight in the evening.

Prepared by H.T.C.
Verified by P.M.C.D.

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 24 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	42	42	42	41	40	42	45	48	52	54	55	57	57	56	54	53	51	49	48	46	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt Cloudy									clear									→
Sunshine (in tenths of hours)							0	0	0	0.1	0.6	1.0	1.0	0.9	0.8	0.2 0.8	0							
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	7	6	9	6	6	5	6	7	7	6	6	6	5	6	6	4	6	6	6	5	6	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6.03; Character, Cloudy

Sunset: Time, 4.48; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	57	40	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, 6.2

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 57

Prevailing direction E

Total movement, 143

Average hourly velocity, 6.0

Maximum velocity, 10 Direction, E Time, Began 3.23 AM

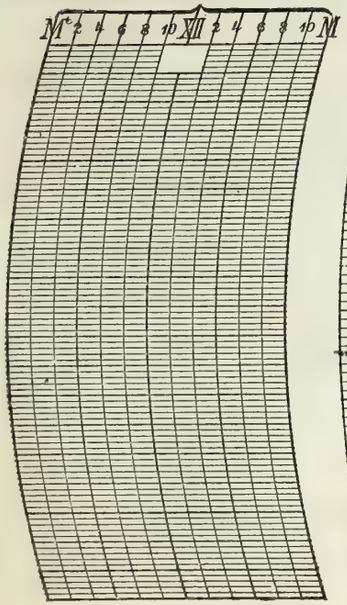
Extreme velocity, 10 - E - 3.23 AM

Relative humidity, 88 a. m., 59 p. m.

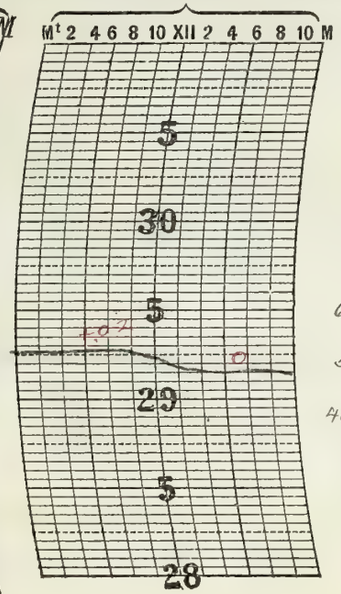
Reduced barometer, 30.23 a. m., 30.09 p. m.

River gage, 4.0 ft

THERMOGRAPH.



BAROGRAPH.



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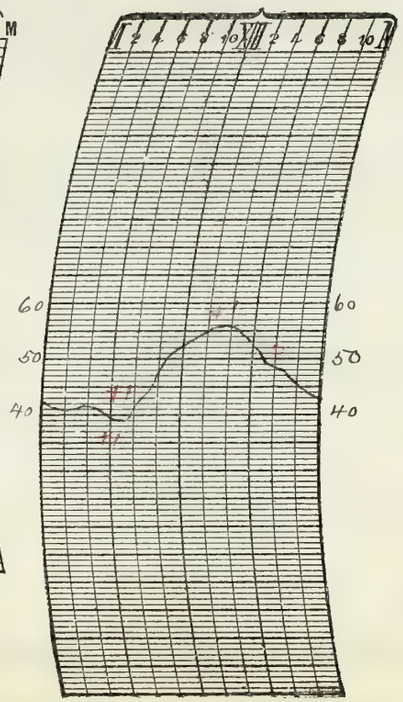


NOTES

Light frost occurred in the morning

Prepared by H.T.C.

Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Oct 2 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	46	46	46	47	48	50	55	60	65	68	70	69	68	68	66	63	59	57	54	53	51	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy ×					Pcldy ×							Clear							
Sunshine (in tenths of hours)							0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.77 0							
Wind direction	E	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	4	5	9	11	10	11	13	15	19	18	23	22	23	17	14	11	11	11	10	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.04 Character, Cloudy

Sunset: Time, 4.46 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	70	44	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.5

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 89

Prevailing direction SW.

Total movement, 293

Average hourly velocity, 12.2

Maximum velocity, 27 Direction, SW Time. Began 2.08 PM

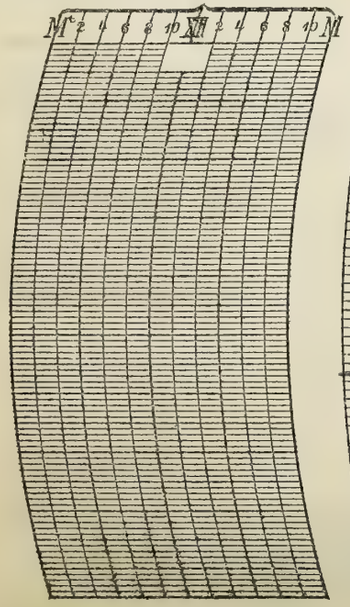
Extreme velocity, 27 - SW - 2.08 P.M.

Relative humidity, 85 a. m. 56 p. m.

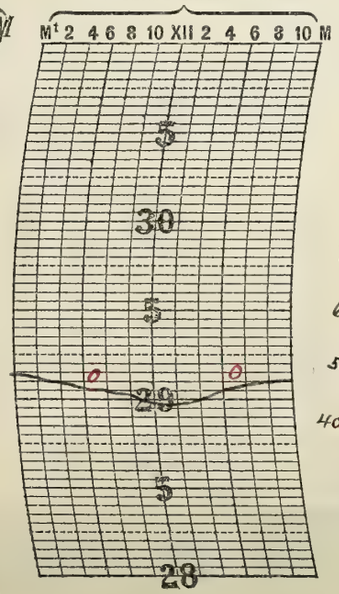
Reduced barometer, 30.00 a. m. 30.00 p. m.

River gage, 3.7 ft.

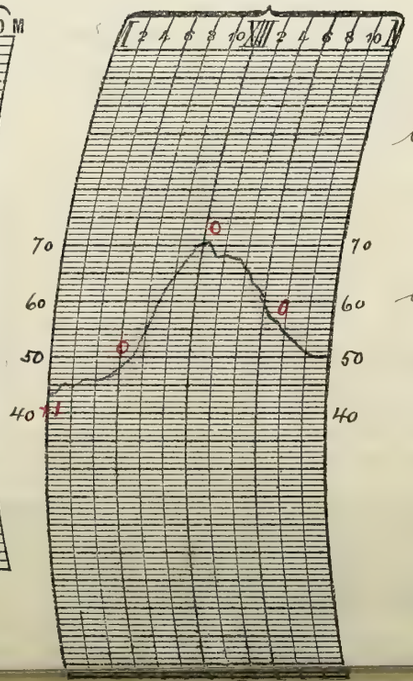
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci. and Ci. St. clouds prevailed from 7.26 AM. to sunset.

Moonlight in the evening

Strong and somewhat gusty winds prevailed during the day.

Prepared by H.F.C.

Verified by P.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	48	47	46	44	44	48	54	60	62	63	63	64	63	62	60	57	55	53	50	49	46	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)							0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W	W	W	W	SW
Wind movement	7	9	9	11	11	11	10	13	16	23	27	26	23	22	24	19	14	13	14	10	7	4	5	6
Maximum velocities (exceeding 29 miles) direction and time										30 SW 934	34 SW 1048	33 SW 1105			30 W 247									

Sunrise: Time, 6.05; Character, Clear

Sunset: Time, 4.45; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	64	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Few

Actual sunshine, hours, 10.7

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 334

Average hourly velocity, 13.9

Maximum velocity, 34 Direction, SW Time. Began 10.48 A.M.

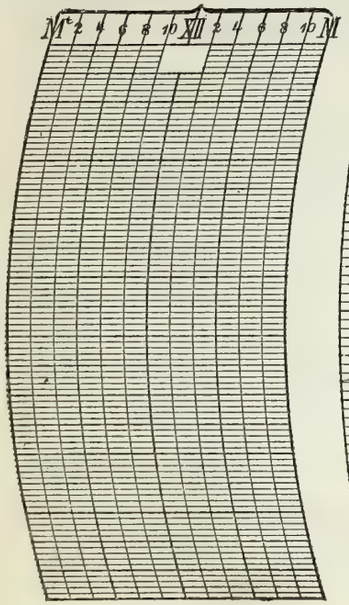
Extreme velocity, 34 - SW - 10.48 A.M.

Relative humidity, 64 a. m. 41 p. m.

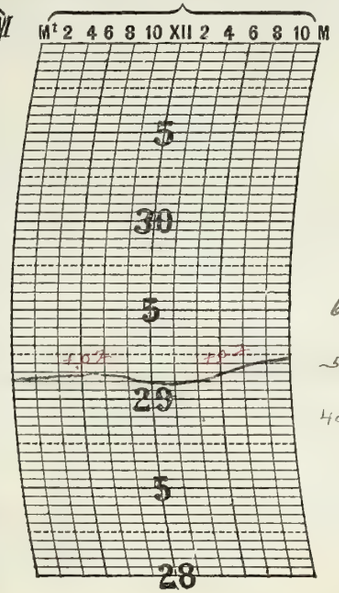
Reduced barometer, 30.11 a. m. 30.10 p. m.

River gage, 3.4 ft

THERMOGRAPH.



BAROGRAPH.



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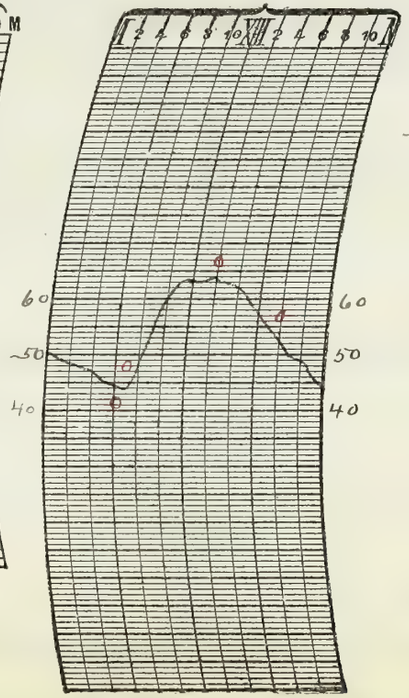


NOTES

Strong and somewhat gusty winds prevailed during the day.

Prepared by HSC

Verified by C. A. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 27 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	40	39	39	43	46	51	54	57	58	59	60	60	57	56	55	53	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunshine (in tenths of hours)							0	0.8	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	7	8	6	5	3	4	2	4	1	5	7	9	9	7	8	7	6	5	5	6	6	6	7	7

Sunrise: Time, 6.06; Character, Clear

Sunset: Time, 4.44; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Few

Actual sunshine, hours, 10.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 96

Prevailing direction SW

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity, 11 Direction, SW Time. Began 12.16 PM

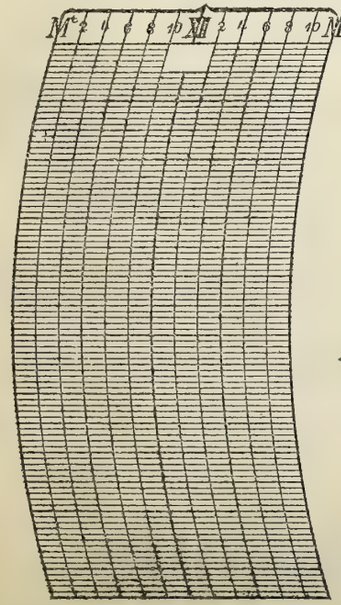
Extreme velocity, 11 - SW - 12.16 PM

Relative humidity, 73 a. m. / 54 p. m.

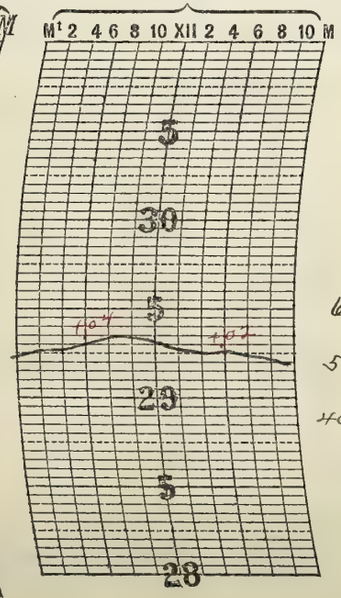
Reduced barometer, 30.31 a. m. / 30.21 p. m.

River gage, 3.0 ft.

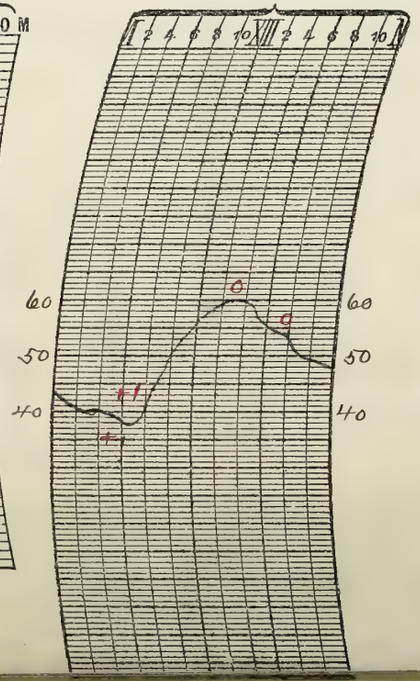
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred in the morning.

Prepared by HFC

Verified by PMCD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) 2, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	48	47	47	48	49	54	60	64	67	69	70	71	72	70	66	64		61	60	58	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunrise: Time, 6.07 Character, Clear																					Sunset: Time, 4.42 Character, Clear			
Sunshine (in tenths of hours)							.88 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.62 .70 0.7	0							
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	W	W	W	NW
Wind movement	9	10	11	10	12	12	13	13	14	15	15	15	17	13	11	11	8	10	9	10	9	8	10	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 10.5

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 99

Prevailing direction SW.

Total movement, 273

Average hourly velocity, 11.4

Maximum velocity, 19 Direction, SW Time. Began 12.12 P.M.

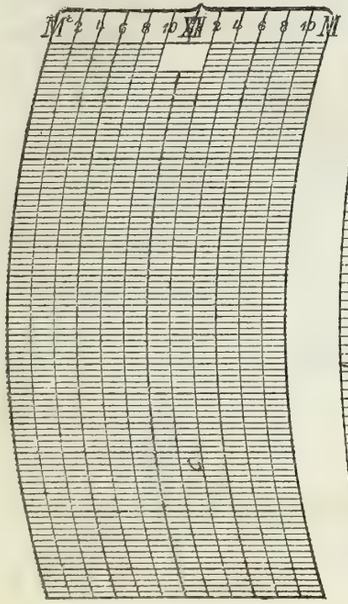
Extreme velocity, 19 - SW - 12.12 P.M.

Relative humidity, 66 a. m. 64 p. m.

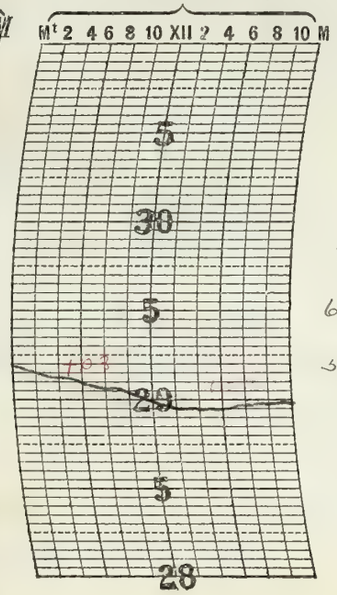
Reduced barometer, 30.04 a. m. 29.91 p. m.

River gage, 2.7 ft

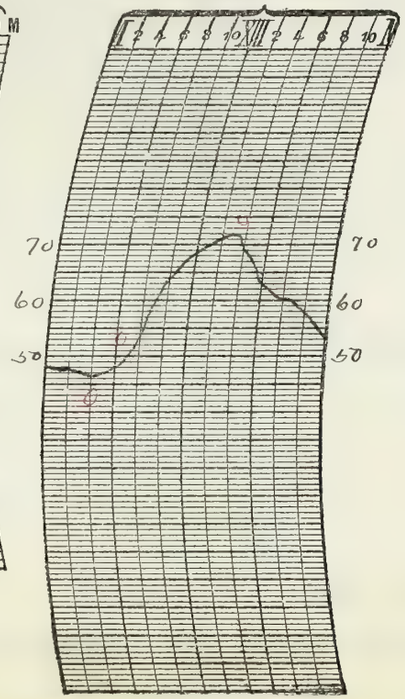
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.H.C.

Verified by P.M.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 29 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	48	46	45	43	42	44	47	50	52	54	57	60	62	62	62	57	55	53	54	53	52	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cldy				× Clear							Clear								
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	NW
Wind movement	6	6	5	6	5	5	6	5	9	11	18	15	15	16	14	17	13	10	11	11	10	8	9	8

Sunrise: Time, 6.09 Character, Cloudy

Sunset: Time, 4.41 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	62	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.2

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 88

Prevailing direction W

Total movement, 234

Average hourly velocity, 9.8

Maximum velocity, 20 Direction, SW Time. Began 3.08 P.M.

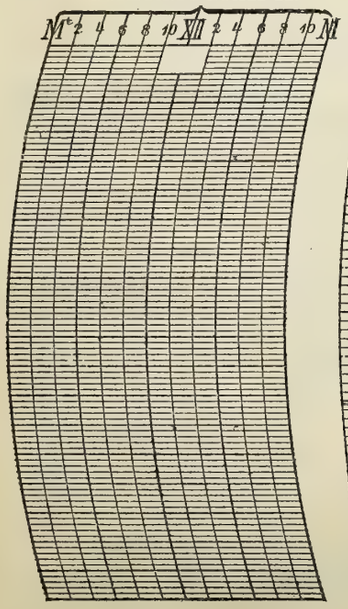
Extreme velocity, 21 - SW - 3.08 P.M.

Relative humidity, 89 a. m., 58 p. m.

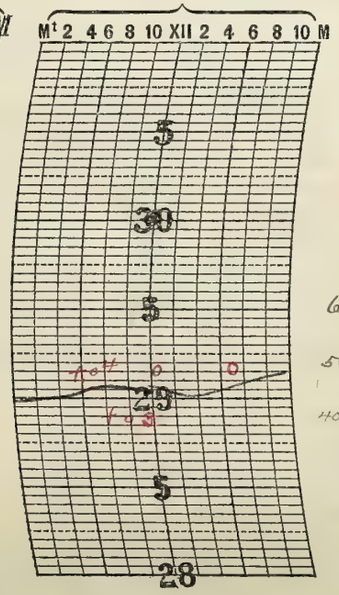
Reduced barometer, 30.03 a. m., 29.98 p. m.

River gage, 2.6 ft

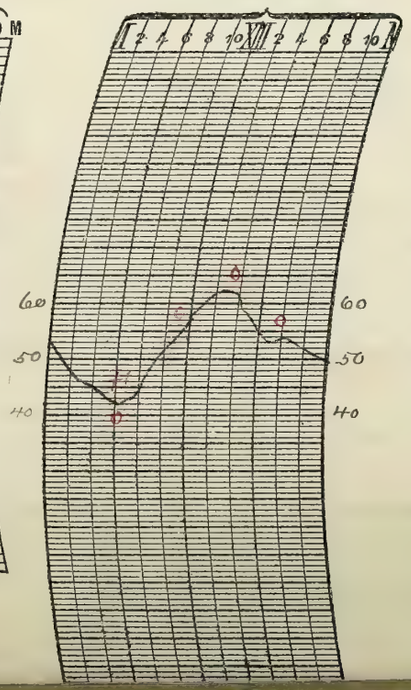
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H.F.C.
Verified by P.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 30 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	46	45	44	43	41	42	46	55	59	61	63	66	66	66	64	60	58	56	54	53	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	clear												clear											
Sunshine (in tenths of hours)		✓					73 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	47 0.2				✓			
Wind direction	NW	NW	NW	NW	NW	W	W	W	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	S	S	S
Wind movement	10	8	5	5	5	5	5	5	6	9	8	9	9	9	8	7	6	6	6	7	7	7	7	10

Sunrise: Time, 6.10; Character, clear

Sunset: Time, 4.40; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	66	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last Quarter 10 40 P.M.

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 10.5

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 169

Average hourly velocity, 7.0

Maximum velocity, 12 Direction, N Time. Began 1.03 A.M.

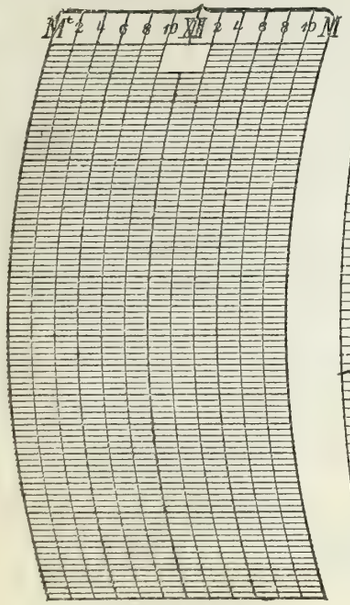
Extreme velocity, 12 N 1.03 A.M.

Relative humidity, 78 a. m., 41 p. m.

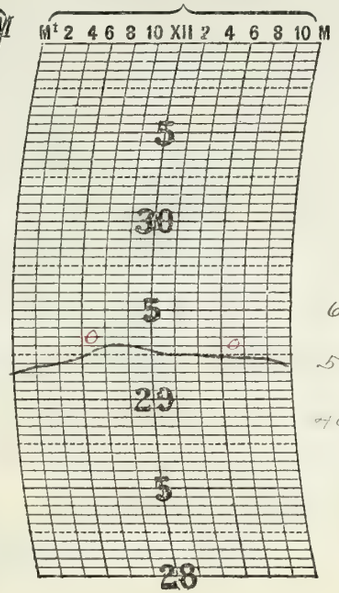
Reduced barometer, 30.22 a. m., 30.16 p. m.

River gage, 2.4 ft

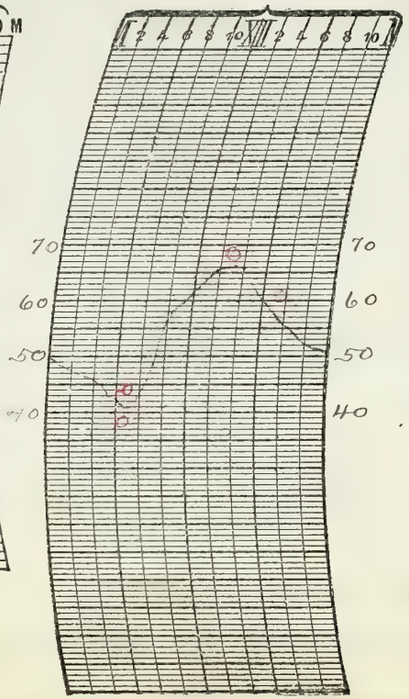
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Light frost occurred in the morning.

Prepared by JHC

Verified by R. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 31 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	46	46	45	47	49	54	61	62	69	70	71	72	71	70	68	65	64	64	64	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Pt	Cloudy					Pt	Cldy			×	Clear					
Sunshine (in tenths of hours)							.82 0	0.2 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	11	10	12	13	14	16	19	20	23	25	27	26	24	21	19	18	18	19	22	20	19	19
Maximum velocities (exceeding 29 miles) direction and time													31 SW 1.05	32 SW 1.10	31 SW 2.02									

Sunrise: Time, 6.11 Character, Clear

Sunset: Time, 4.38 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	72	45	56.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 8.5

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 82

Prevailing direction SW

Total movement, 436

Average hourly velocity, 18.2

Maximum velocity, 32 Direction, SW Time. Began 1.10 P.M.

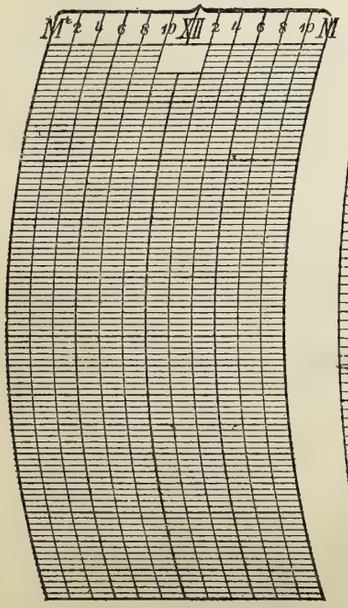
Extreme velocity, 33 SW 1.10 P.M.

Relative humidity, 57 a. m. 50 p. m.

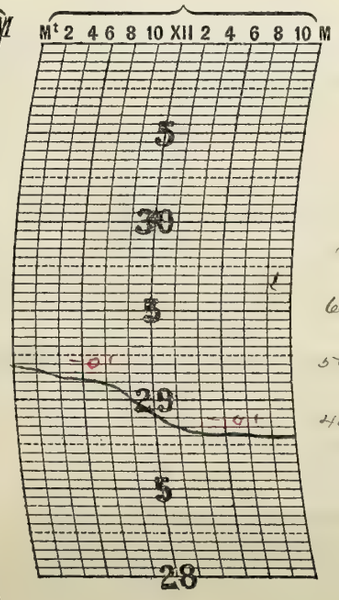
Reduced barometer, 30.00 a. m. 29.71 p. m.

River gage, 2.3 ft

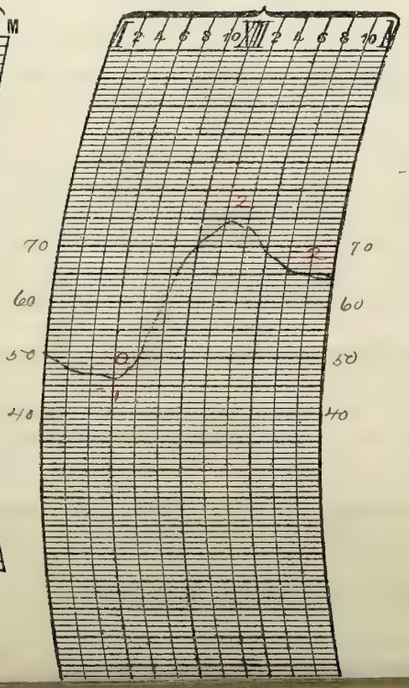
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ci and Ci St. clouds prevailed during the day

Strong and somewhat gusty winds prevailed during the day

Prepared by H.G.C.

Verified by P.M.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) _____, 191

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. Began ____

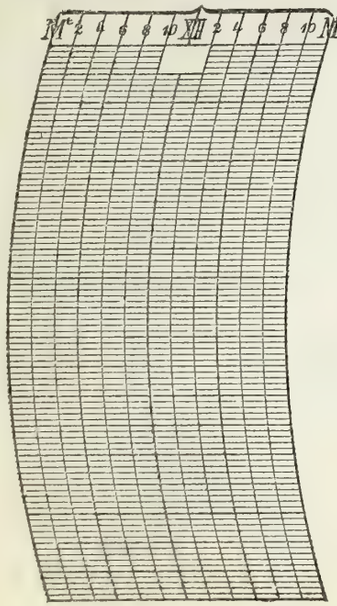
Extreme velocity, ____

Relative humidity, ____ a. m. ____ p. m.

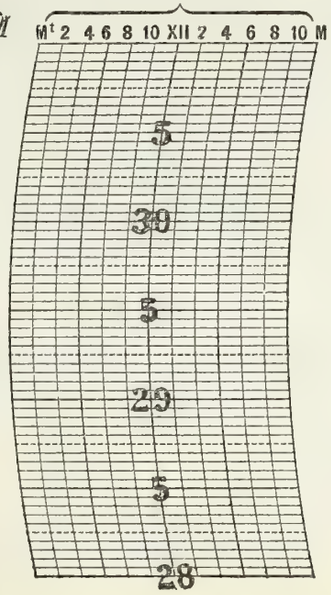
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

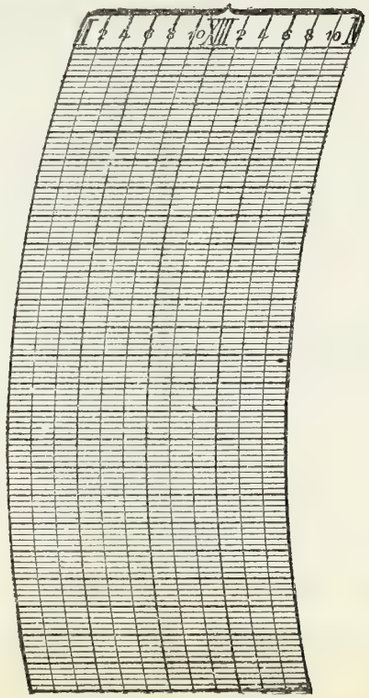
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	60	57	54	51	52	56	60	63	66	67	69	69	68	66	63	61	60	59	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, 6.12 Character, Clear																					Sunset: Time, 4.37 Character, Clear			
Sunshine (in tenths of hours)							.80 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.52 0.1							
Wind direction	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	18	18	16	12	7	6	6	8	7	9	13	16	19	18	20	17	14	13	14	15	15	14	12	14
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) Fair

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 321

Average hourly velocity, 13.4

Maximum velocity, 22 Direction, SW Time, Began 2.03 P.M.

Extreme velocity, 23 SW 2.03 P.M.

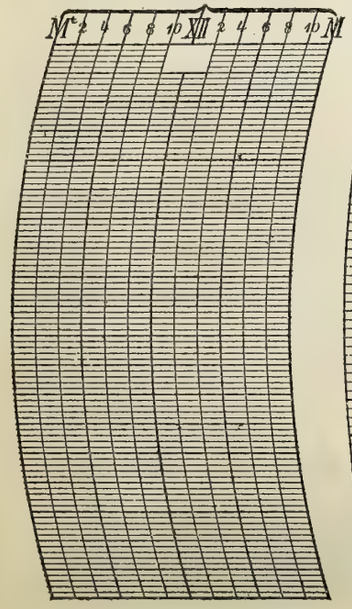
Relative humidity, 73 a. m. 59 p. m.

Reduced barometer, 29.82 a. m. 29.75 p. m.

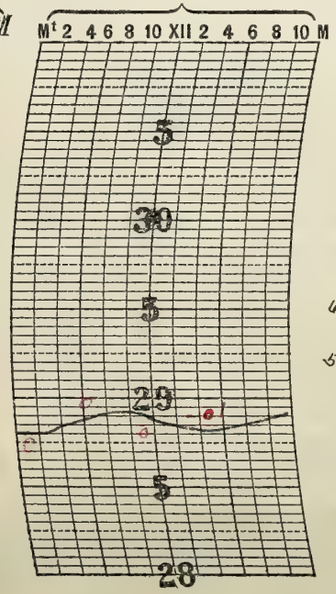
River gage, 2.0 ft.

NOTES.

THERMOGRAPH.



BAROGRAPH.



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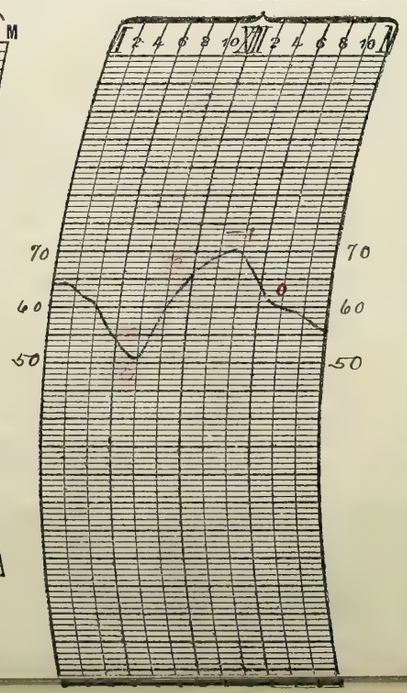


Prepared by J.H.R.

Verified by J.M.C.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 2 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	51	48	47	45	43	44	46	47	48	49	50	51	51	50	48	46	46	45	43	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)							.68 C.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	NW	N	NE	NE
Wind movement	16	16	15	13	15	12	14	14	18	22	24	22	24	21	22	19	14	8	7	5	4	6	4	2
Maximum velocities (exceeding 29 miles) direction and time											30 W 10.47													

Sunrise: Time, 6.13 Character, Clear

Sunset: Time, 4.36 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	56	38	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Few

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 337

Average hourly velocity, 14.0

Maximum velocity, 30 Direction, W Time. Began 10.47 AM

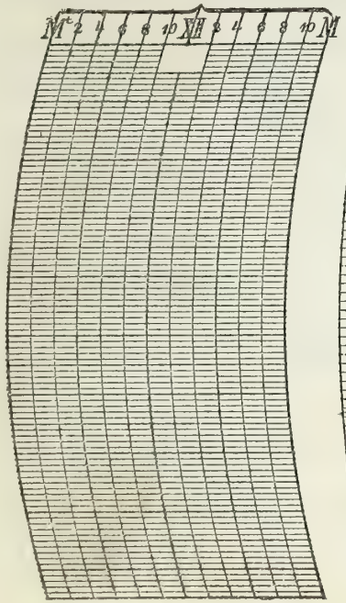
Extreme velocity, 31 - W - 10.47 A.M.

Relative humidity, 69 a. m. 55 p. m.

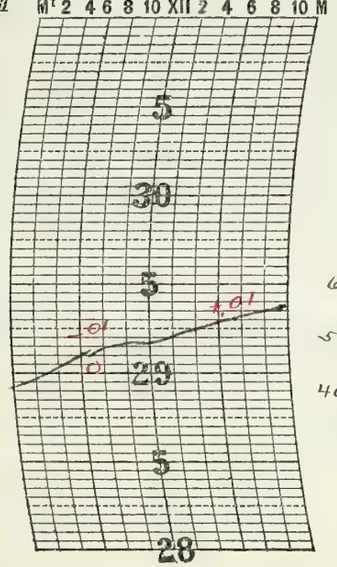
Reduced barometer, 30.03 a. m. 30.26 p. m.

River gage, 1.9 ft.

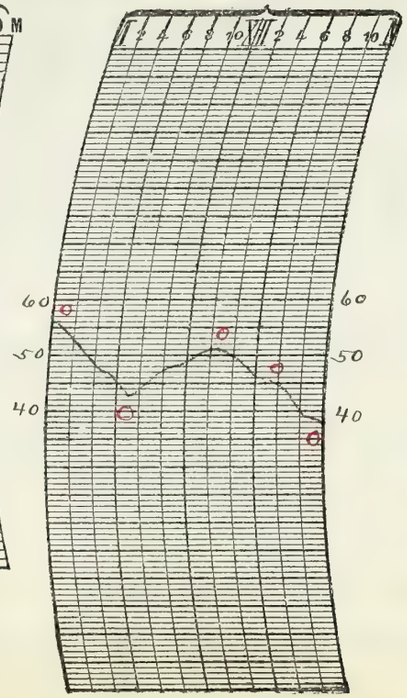
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Strong and somewhat gusty winds prevailed during the day.

Prepared by H. R.

Verified by P. M. C.

8—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 11 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	35	33	32 33	33	36	38	42	46	49	50	51	52	53	52	52	51	49	49	48	48	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				×	P.C.		×	Cloudy				×		Pt Cldy				
Sunrise: Time, Character,	6.15 Clear																				Sunset: Time, Character, 4.35 Cloudy			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	NE	NE	S	S	S	S	S	S	S	W	W	NW	W	W	SW	SW	SW	SW	SE	SE	SE	SE	SE	SE
Wind movement	2	4	4	4	6	4	2	4	4	3	5	6	5	6	4	6	4	4	6	7	8	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 8.8

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 85

Prevailing direction S

Total movement, 124

Average hourly velocity, 5.2

Maximum velocity, 11 Direction, SE Began 10.30 PM

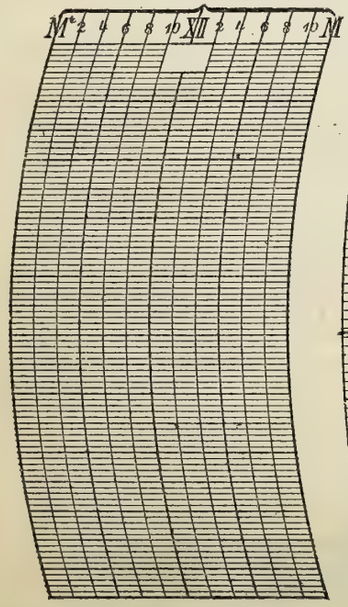
Extreme velocity, 11 – SE – 10.30 PM

Relative humidity, 84 a. m. 46 p. m.

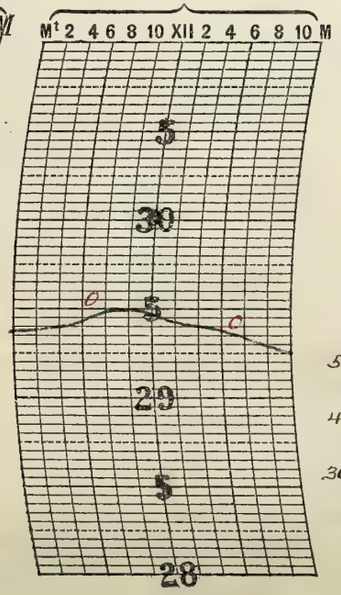
Reduced barometer, 30.42 a. m. 30.31 p. m.

River gage, 2.1 ft.

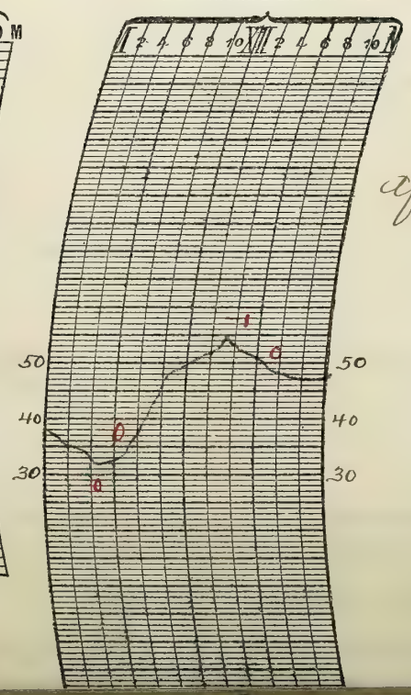
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost occurred in the morning.
A. St. and Ci. St. clouds prevailed during the day after 9.00 A.M.

Prepared by J.H.C.
Verified by P.M.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 1. 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	47	47	48	49	51	50	52	55	57	58	58	59	59	58	57	55	54	52	50	47	45	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy				P.C.	Clear				
Sunshine (in tenths of hours)							0	0	0	0.2	0.9	0.9	0.5	0	0	0	0							
Wind direction	SE	S	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	W	W	NW	NW	NW	NW
Wind movement	4	4	9	13	15	18	18	18	19	22	24	22	20	20	17	13	13	12	11	8	9	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.16 Character, Cloudy

Sunset: Time, 4.34 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	43	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.5

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 24

Prevailing direction SW.

Total movement, 331

Average hourly velocity, 13.8

Maximum velocity, 28 Direction, SW Time. Began 10.18 AM

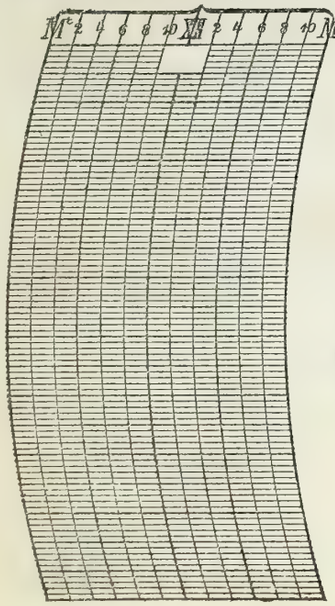
Extreme velocity, 28 SW 10.18 AM

Relative humidity, 45 a. m. 61 p. m.

Reduced barometer, 29.96 a. m. 29.97 p. m.

River gage, 2 ft

THERMOGRAPH.



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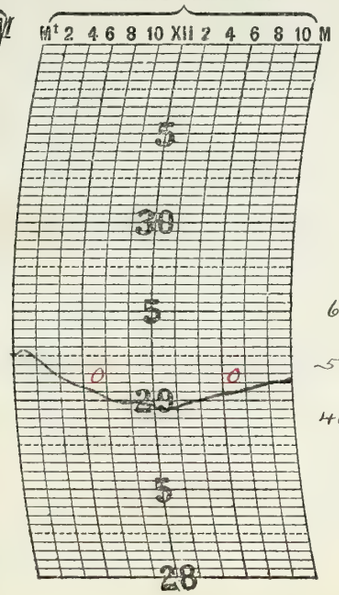

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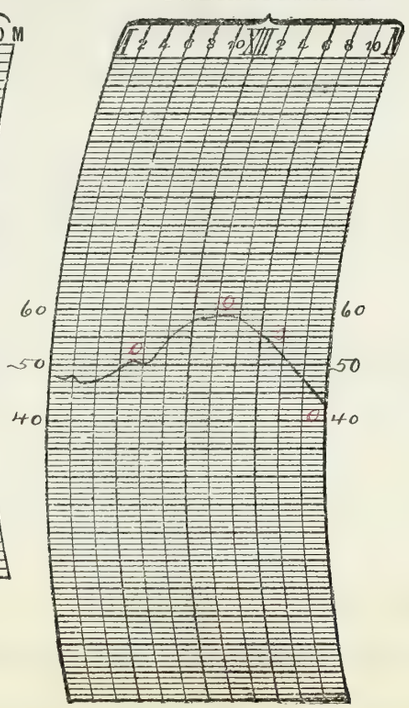


NOTES

The wind was somewhat gusty during the day.

Prepared by J.H.C.

Verified by P.M.L.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 5 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	39	38	36	35	37	41	43	45	47	48	48	48	49	47	44	42	41	40	39	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear				P. Cldy			Cloud.				P. Cldy			Clear						
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	0.3	0	0.3	0	0.2	0							
Wind direction	NW	NW	NW	NW	NW	N	N	N	NE	E	E	E	SE	E	NE	NE	E	E	E	E	E	E	E	E
Wind movement	7	5	6	5	4	3	5	7	6	7	6	5	4	5	6	7	5	5	5	7	8	8	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.17 Character, Cloudy

Sunset: Time, 4.32 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	35	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 4.6

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 45

Prevailing direction E

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity, 9 Direction, E Time. Began 8.33 PM.

Extreme velocity, 9 - E - 8.33 PM

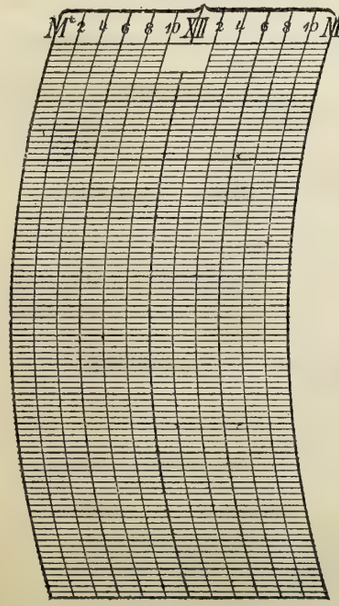
Relative humidity, 95 a. m., 76 p. m.

Reduced barometer, 30.13 a. m., 30.20 p. m.

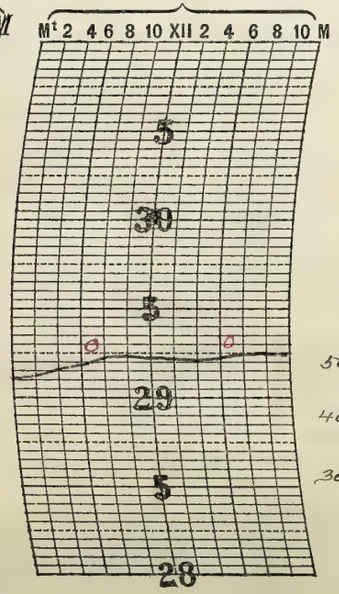
River gage, 2.0 ft

NOTES.

THERMOGRAPH.



BAROGRAPH.



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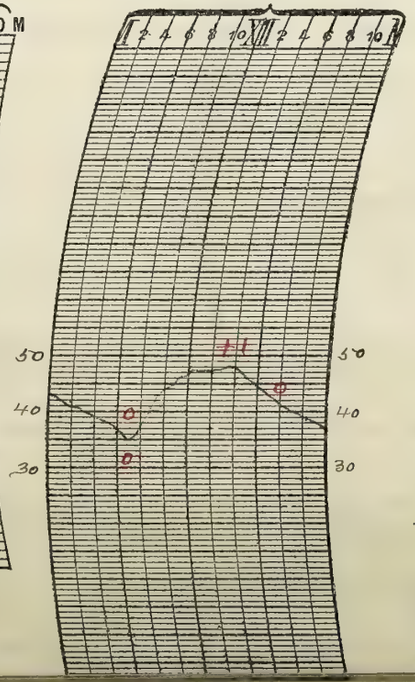


Prepared by JHC

Verified by PMCD

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 6 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	35	37	40	41	45	48	51	55	56	58	59	59	56	53	50	49	48	47	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cldy			× P.C.		×			Cloudy			×	P.C.	× Clear						→
Sunrise: Time, Character,	6.18 Cloudy																				Sunset: Time, Character, 4.31 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	0.6	0.3	0.1	0.1	0	0	0							
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	8	7	9	7	7	6	7	7	7	7	8	7	6	4	7	8	8	8	8	9	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 1.4

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 14

Prevailing direction S.E.

Total movement, 173

Average hourly velocity, 7.2

Maximum velocity, 11 Direction, S.E. Time. Began 12.53 P.M.

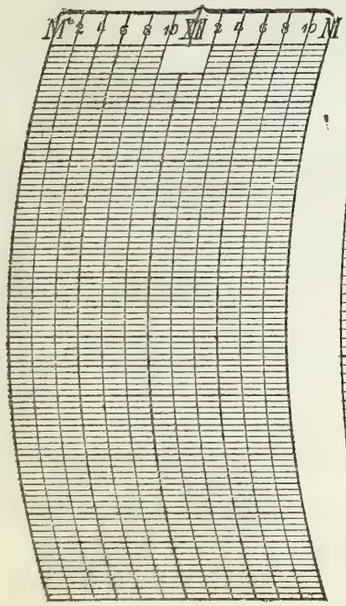
Extreme velocity, 11 - SE - 12.53

Relative humidity, 86 a. m., 70 p. m.

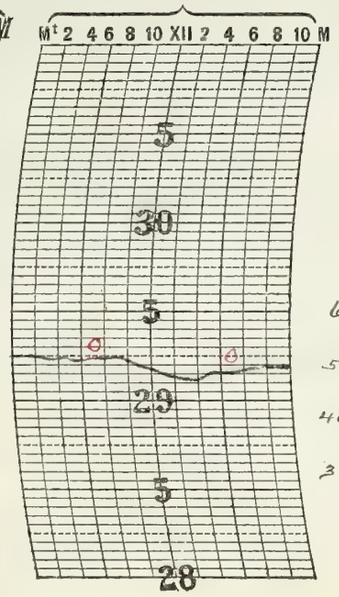
Reduced barometer, 30.17 a. m., 30.09 p. m.

River gage, 1.9 ft.

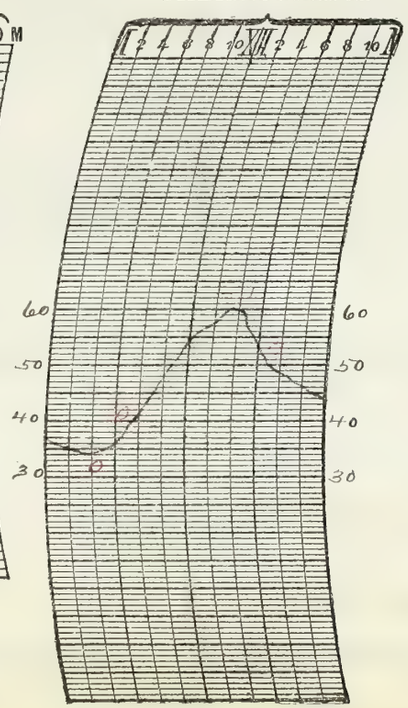
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by JHC

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 7 1915, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	43	43	42	42	46	49	56	61	68	72	75	75	74	73	70	67	65	63	62	61	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy								Clear									
Sunrise: Time, 6.19 Character, Cloudy																					Sunset: Time, 4.30 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	ESE	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	6	8	7	6	6	6	6	8	6	6	6	6	6	9	10	8	7	6	10	10	12	11	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
75	42	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase New Moon 3.52 p.

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 7.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 71

Prevailing direction SE

Total movement, 193

Average hourly velocity, 8.0

Maximum velocity, 15 Direction, S Time. Began 11.33 P.M.

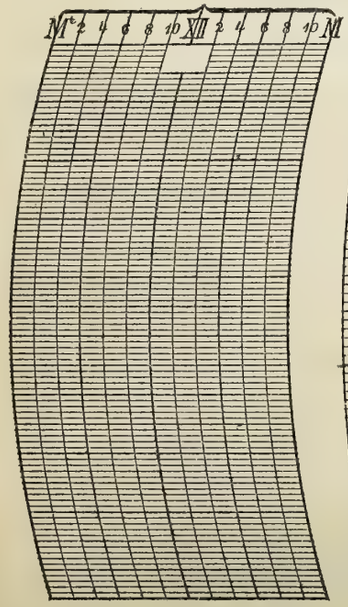
Extreme velocity, 16 - S - 11.33 P.M.

Relative humidity, 89 a. m. 69 p. m.

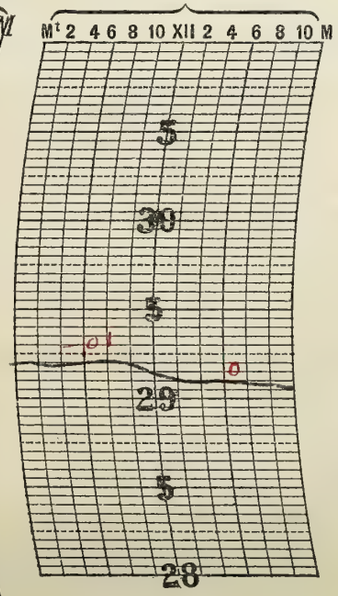
Reduced barometer, 30.12 a. m. 30.00 p. m.

River gage, 2.3 ft

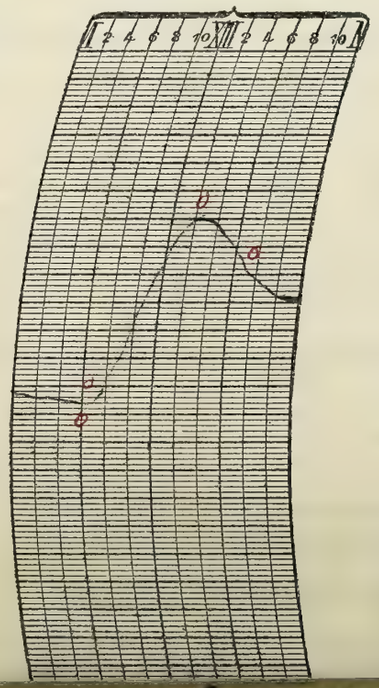
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by HGC.

Verified by PMD.

FORM NO. 1012—M66 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 8 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	59	61	62 RB 5.30	61 RE 6.10	62	64	66	67	68	70	72	73	69	64	59	55	53	51	49	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						T	T																	
Cloudiness and other conditions								Cloudy							Pcldy				Clear					
Sunshine (in tenths of hours)							0	0	0.2	0.8	0	0	0.9	1.0	1.0	0.8	0							
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	W	W	W	NW	NW
Wind movement	14	15	16	14	13	16	16	15	17	18	19	18	21	18	19	17	13	9	7	8	10	11	13	12

Sunrise: Time, 6.21; Character, Cloudy

Sunset: Time, 4.29; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	45	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 5.7

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 56

Prevailing direction SW

Total movement, 349

Average hourly velocity, 14.5

Maximum velocity, 25 Direction, SW Time. Began 12.28 PM

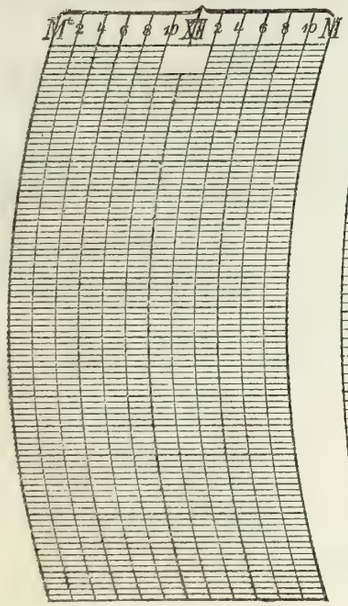
Extreme velocity, 25 - SW - 12.29 PM

Relative humidity, 81 a. m. 60 p. m.

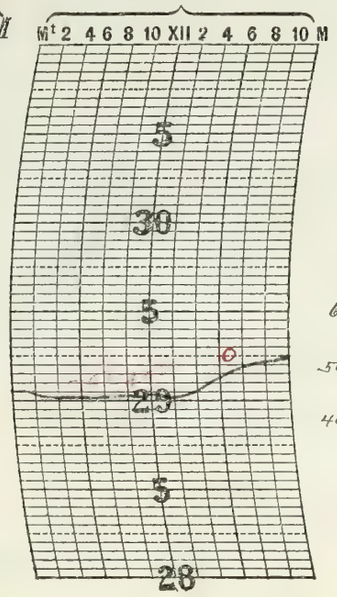
Reduced barometer, 29.91 a. m. 30.06 p. m.

River gage, 2.4 ft.

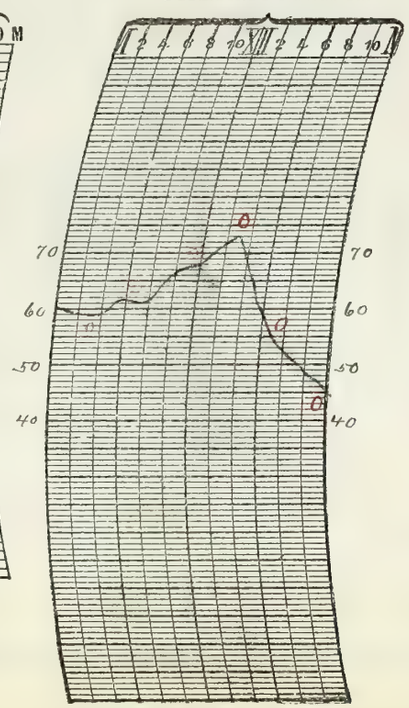
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

Prepared by J.J.C.
Verified by P.M.C.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV. 9 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	40	39	39	38 (37)	39	41	44	46	48	49	50	51	51	50	48	45	42	42	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			P Cldy			Clear		PC				Clear							
Sunshine (in tenths of hours)							.63 0	0.4 0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.47 0							
Wind direction	NW	NW	NW	NW	NW	NW	W	W	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	12	10	10	8	8	5	5	4	7	10	7	8	8	8	8	7	3	3	6	7	6	5	6	7

Sunrise: Time, 6.22; Character, Clear

Sunset: Time, 4.28; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 9.9

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 98

Prevailing direction NE

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity, 14 Direction, NW Began 12.01 AM

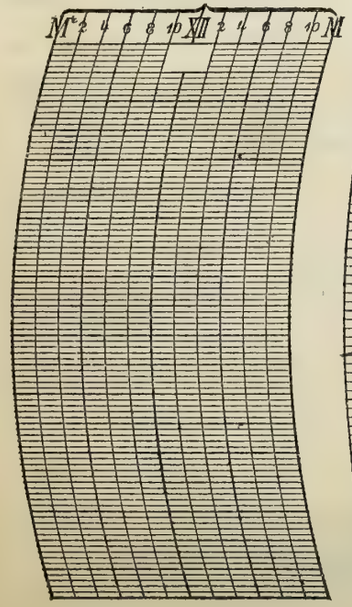
Extreme velocity, 14 – NW – 12.01 AM

Relative humidity, 89 a. m. 57 p. m.

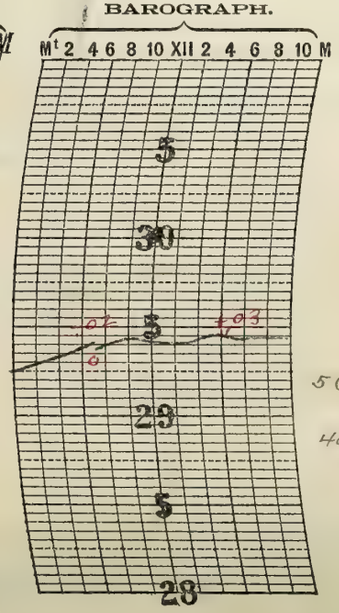
Reduced barometer, 30.33 a. m., 30.43 p. m.

River gage, 2.6 ft.

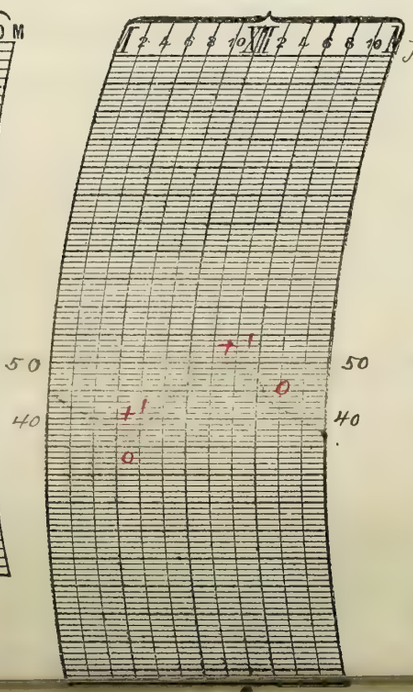
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Hvy Frost occurred in the morning.

Prepared by J.H.C.

Verified by P.M.C.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	35	36	37	38	39	42	45	49
Nature of precipitation and time of beginning and ending									R 8.36 RE 8.35			
Amounts of precipitation									T			
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)		✓					0	0	0	1.0	1.0	0.5
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	5	6	6	7	7	8	8	7	9	11	10	9

Sunrise: Time, 6.23 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	53	54	53	52	51	50	52	53	53	54	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.6	0.9	0	0	0					✓		
Wind direction	SE	SE	SE	E	E	E	E	SE	SE	SE	SE	S
Wind movement	8	9	8	6	7	6	6	6	12	13	12	10

Sunset: Time, 4.27 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	55	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches. ✓

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins. ✓

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9.

Actual sunshine, hours, 4.0 ✓

Possible sunshine, hours, 10.1 ✓

Percentage of possible sunshine, 40 ✓

Prevailing direction E ✓

Total movement, 196 ✓

Average hourly velocity, 8.2 ✓

Maximum velocity,	Direction,	Time.
14	SE	Began 9.05 PM

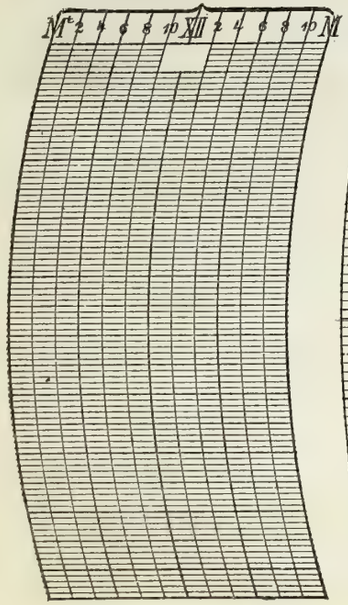
Extreme velocity, 14 SE 9.05 PM ✓

Relative humidity, 88 a. m. ✓ 52 p. m.

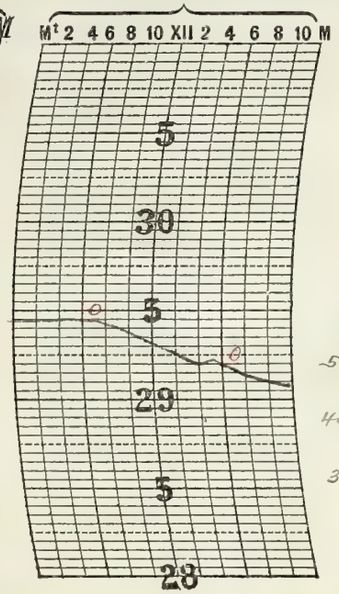
Reduced barometer, 30.39 a. m. ✓ 30.11 p. m.

River gage, 2.7 ft. ✓

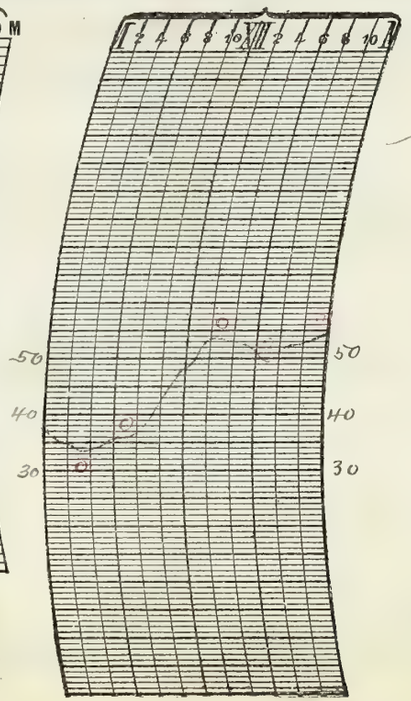
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

+ Sun shining through openings in the clouds.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible] 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	63	63	63	63	64	65	66	62	62	62	61	60	60	60	61	60	60	56	53	50	46
State of weather: Nature of precipitation and time of beginning and ending				RB DN RE DN					RB 8.25											RE 7.20				
Amounts of precipitation				T					T	T	.02	.01	.03	.04	.01	.03	.07	.03	.16	T				
Cloudiness and other conditions						Cloudy										Cloudy								
Sunrise: Time, 6.24 Character, Cloudy																					Sunset: Time, 4.26 Character, Cloudy			
Sunshine (in tenths of hours)		✓					0	0	0.2	0.2	0	0	0	0	0	0	0					✓		
Wind direction	SE	SE	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	SW	W	W	W	W	W
Wind movement	13	14	12	19	21	18	19	22	27	30	25	23	25	21	21	25	28	26	22	14	12	10	14	14
Maximum velocities (exceeding 29 miles) direction and time									31 S 8.35	35 S 9.38	34 SW 10.05	30 S 11.05				33 S 3.50	36 S 4.35	31 S 5.37	35 S 6.05					

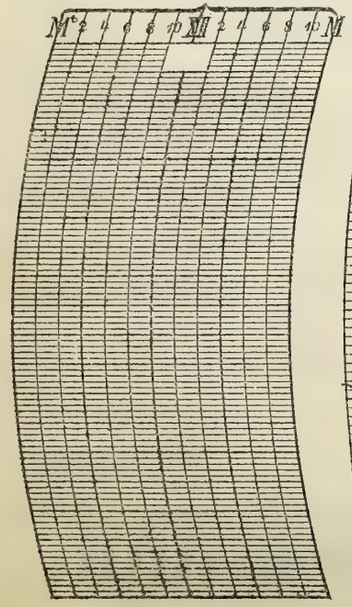
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

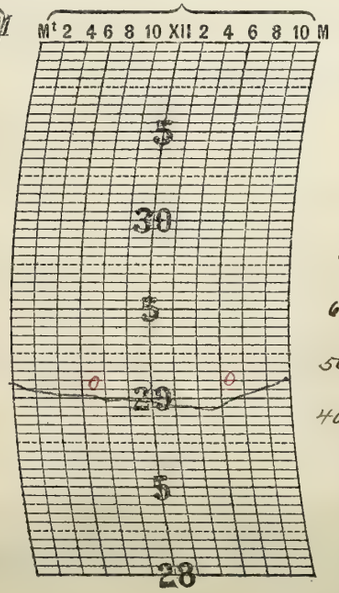
Maximum.	Minimum.	Mean.	Normal.
66	46	56	

Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .38 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.4
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 4
Prevailing direction S
Total movement, 475
Average hourly velocity, 19.8
Maximum velocity, 36 Direction, S Time. Began 4.35 PM
Extreme velocity, 37-S-4.37 PM
Relative humidity, 78 a. m. 100 p. m.
Reduced barometer, 29.93 a. m. 29.90 p. m.
River gage, 2.6 ft.

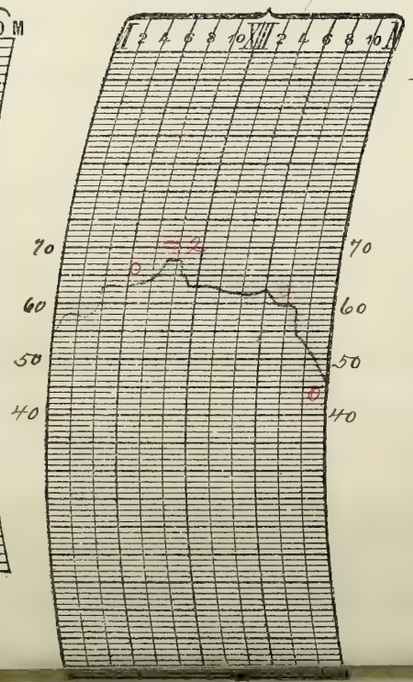
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Strong winds accompanied by light rain prevailed during the day. The wind was somewhat gusty.

+ Sun shining through openings in clouds.

Prepared by H.T.C.
Verified by P.M.C.A.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 12 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	44	42	40	38	37	35	36	39	41	44	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, 6.25 Character, Cloudy												
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	10	7	8	8	7	7	8	8	10	10	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	50	51	50	47	45	43	41	41	39	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunset: Time, 4.25 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.42 0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	14	13	10	8	9	10	9	10	10	12
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Few

Actual sunshine, hours, 9.0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 90

Prevailing direction W

Total movement, 233

Average hourly velocity, 9.7

Maximum velocity, 16 Direction, W Time. Began 2.03 P.M.

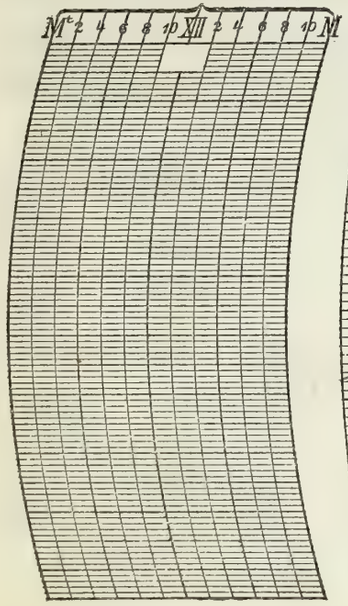
Extreme velocity, 17-W 2.03 P.M.

Relative humidity, 91 a. m. 53 p. m.

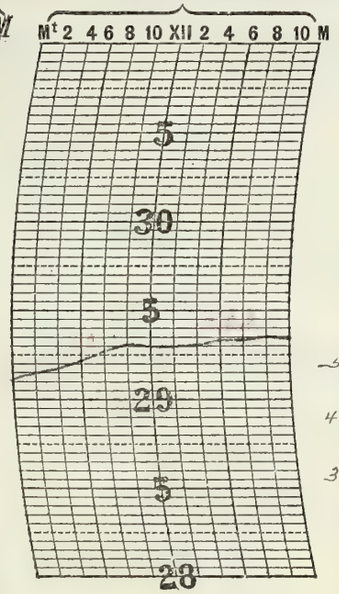
Reduced barometer, 30.17 a. m. 30.30 p. m.

River gage, 2.4 ft

THERMOGRAPH.



BAROGRAPH.



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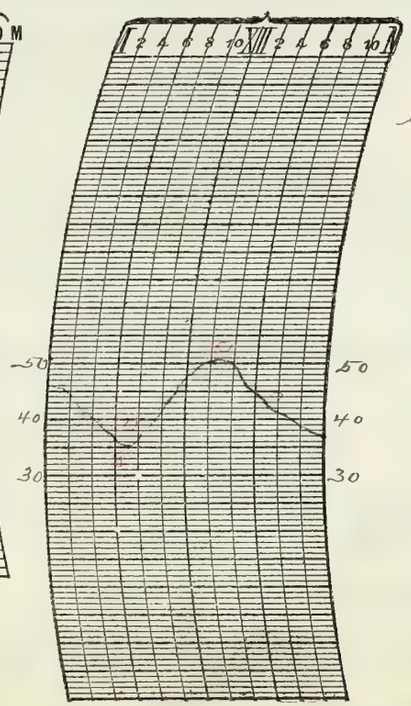


NOTES.

The sky became cloudless at 7.30 A.M. and remained cloudless until sunset

Prepared by J.F.C.

Verified by P.McD.

8—486

Form No. 1014--Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 13 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	34	33	32	35	40	46	49	51	53	54	55	53	51	50	49	46	45	44	43	4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear				Pt Cldy						
Sunrise: Time, Character,	6.26 Clear																				Sunset: Time, Character, 4.25 Cloudy			
Sunshine (in tenths of hours)							57 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SE
Wind movement	10	11	7	7	7	8	7	6	5	4	5	7	9	9	9	7	5	7	6	1	3	4	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase First Quarter 7.03 P

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 90

Prevailing direction SW

Total movement, 162

Average hourly velocity, 6.8

Maximum velocity, 12 Direction, SW Time, Began 1.06 AM

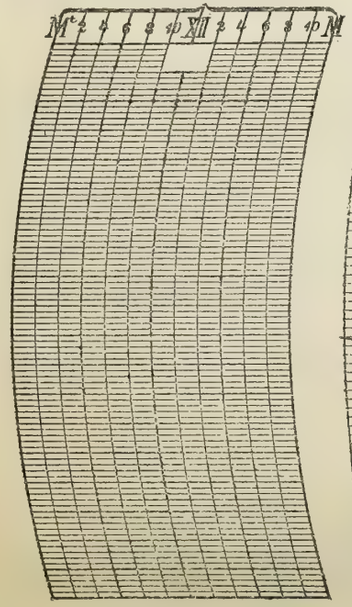
Extreme velocity, 12-SW-1.06 AM

Relative humidity, 81 a. m., 39 p. m.

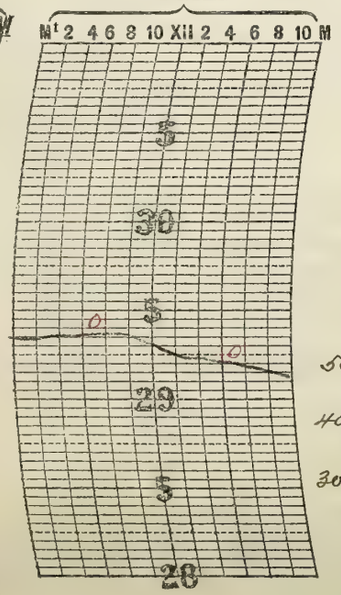
Reduced barometer, 30.31 a. m., 30.15 p. m.

River gage, 2.3 ft

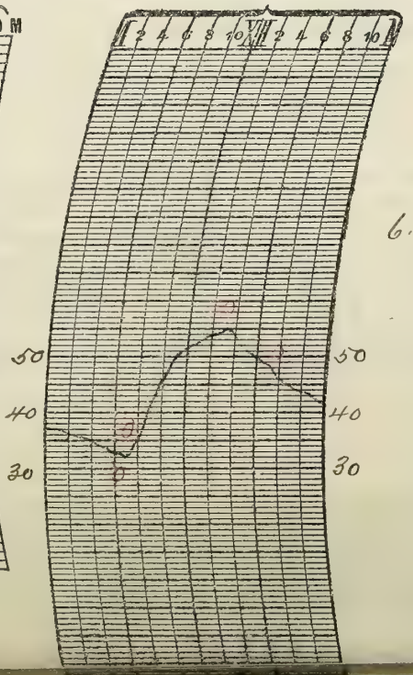
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless from sunrise to 12.30 PM.

A faint solar halo was observed from 6.40 PM to D N P. It was of 20° arc

Prepared by J.H.T.C.

Verified by P.M.D.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 14 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	38	38	36	35	33	32 33	34	37	39	40	42	45	46	46	45	44	44	43	40	39	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.30				RE 0.10	
Amounts of precipitation																			T	.06	.06	.02	T	
Cloudiness and other conditions						←		Cloudy							Cloudy									
Sunrise: Time, 6.28 Character, Cloudy																					Sunset: Time, 4.24 Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0	0	0	0	0	0.1	0.2	0	0	0					1		
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	W	SW	SW	SW	SW	SW	W	W	SW	W	NW	NW
Wind movement	5	5	5	3	2	2	2	3	3	3	5	6	7	4	6	6	7	8	9	7	5	9	13	13
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

---------- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 3

Prevailing direction SE.

Total movement, 138

Average hourly velocity, 5.8

Maximum velocity, 16 Direction, NW Time, Began 11.20 PM

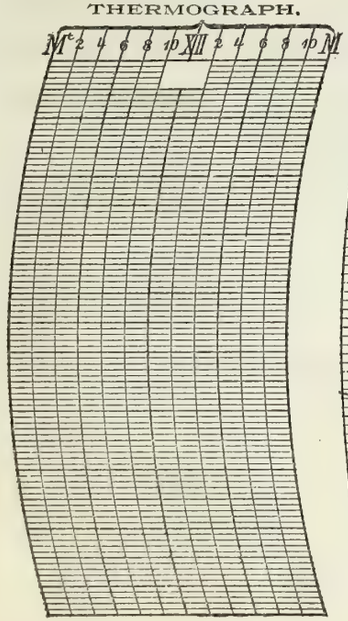
Extreme velocity, 16 NW 11.20 PM

Relative humidity, 77 a. m., 100 p. m.

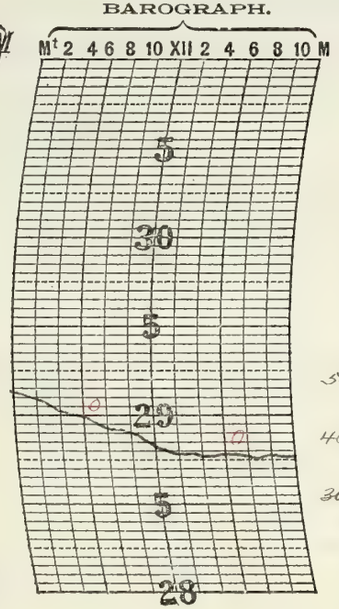
Reduced barometer, 29.89 a. m., 29.70 p. m.

River gage, 2.2 ft.

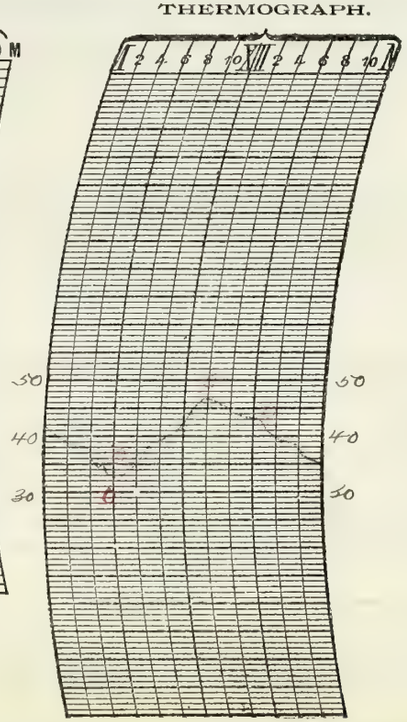
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

'sunshining through openings in clouds'
The day was rather chilly.

Prepared by H.T.Q.
Verified by P.M.D.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Nov. 1, 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	32	31	31	30	28	28	27	28	29	28	28	28	28	29	29	28	28	28	28	29	27
Nature of precipitation and time of beginning and ending								d SB 7.30							SE 2.50									
Amounts of precipitation								T	T	T	T	T	T	T	T									
Cloudiness and other conditions					← Clear			✕ PC		× Cloudy						✕ PC		× Clear				→		
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	0.8	0.9	0	0	0	0.38							
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	14	14	12	14	17	13	13	15	16	20	20	20	21	20	19	11	5	4	5	7	8	10	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

State of weather.

Sunrise: Time, 6.29 Character, Cloudy

Sunset: Time, 4.23 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	35	27	31	

Total depth of snow for 24 hours ending T p. m., T inches.

Snow on ground T p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to T a. m., .14 ins.; to T p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.2

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 32

Prevailing direction W

Total movement, 318

Average hourly velocity, 13.2

Maximum velocity, 25 Direction, SW Time. Began 12.31 P.M.

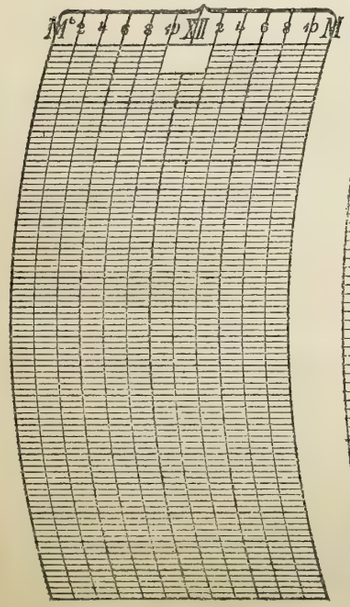
Extreme velocity, 25 - SW - 12.31 P.M.

Relative humidity, 77 a. m. 64 p. m.

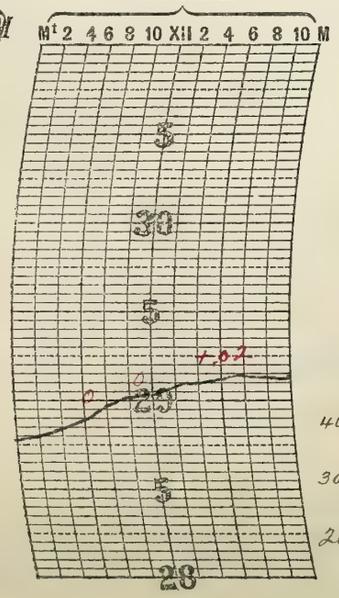
Reduced barometer, 29.88 a. m. 30.04 p. m.

River gage, 2.0 ft.

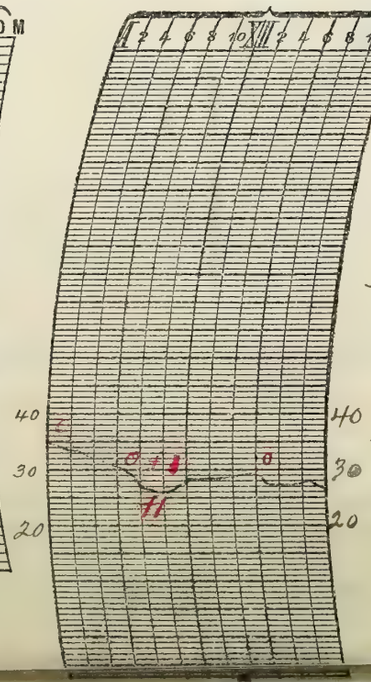
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shining through openings in clouds from 9.00 A. to 1.00 P.M.

Snow flurries occurred during the forenoon and part of the afternoon. It is the first snow of the autumn.

The sky became cloudless at 4.20 P.M.

On account of freezing weather the "T B" Rain-gage was taken inside at 3.43 P.M.

Prepared by J.H.C.

Verified by [illegible]

Form No. 1013—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	25	25	27	29	31	31	31	32	34	38
State of weather: Nature of precipitation and time of beginning and ending								SB 7.15				
Amounts of precipitation								–	–	–	–	–
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 6.30 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0.2	0	0
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	9	8	9	8	8	10	15	18	16	12	13	14
Maximum velocities (exceeding 7 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	44	46	47	45	44	42	42	41	38	37	36
State of weather: Nature of precipitation and time of beginning and ending	SE 12.15											
Amounts of precipitation	–											
Cloudiness and other conditions		P.C.	Clear	Pt. Cloudy						→		
Sunset: Time, 4.22 Character, Cloudy												
Sunshine (in tenths of hours)	0.6	1.0	1.0	0.1	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW
Wind movement	16	18	17	14	8	8	7	6	6	7	4	3
Maximum velocities (exceeding 7 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	25	36	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 2.9

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 29

Prevailing direction SW.

Total movement, 254

Average hourly velocity, 10.6

Maximum velocity, 22 Direction, S Time. Began 7.50 AM

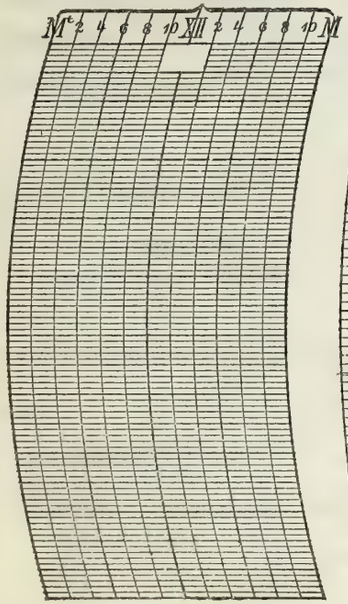
Extreme velocity, 22 – S – 7.50 AM.

Relative humidity, 84 a. m. 62 p. m.

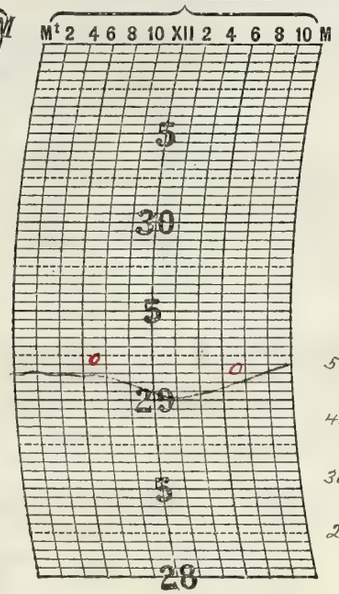
Reduced barometer, 30.08 a. m. 30.04 p. m.

River gage, 2 ft.

THERMOGRAPH.



BAROGRAPH.



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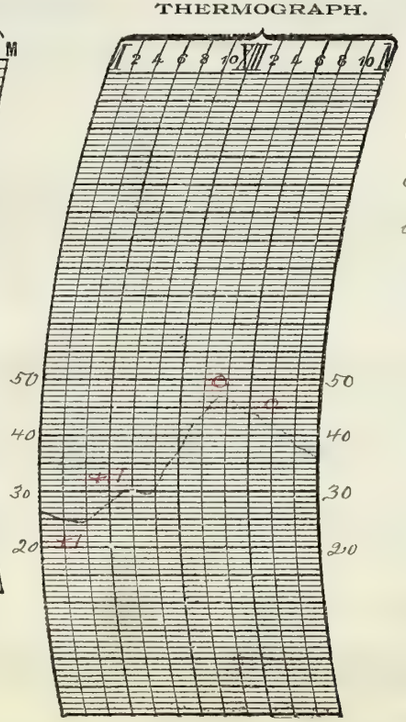


NOTES.

Light moist fell from 7.15 A to 12.15 P.M. and made the streets and walks moist and slippery from melting snow during the forenoon and until 1.00 P.M.

Prepared by J.H.S.

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 1 - 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	33	31	30	29	29	28	27	29	31	34	41	44	46	47	45	42	39	38	36	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear	×	P.C.	×	Cloudy	×	P.C. ×					Clear							
Sunrise: Time, 6.31 Character, Cloudy																					Sunset: Time, 4.21 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	1.0	1.0	1.0	0.1	0							
Wind direction	NW	W	W	N	N	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	4	4	4	3	5	8	10	12	11	8	9	8	7	9	9	7	10	10	9	9	9	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	27	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, _____

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 3.5

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 36

Prevailing direction E

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity, 15 Direction, E Time. Began 8.02 AM

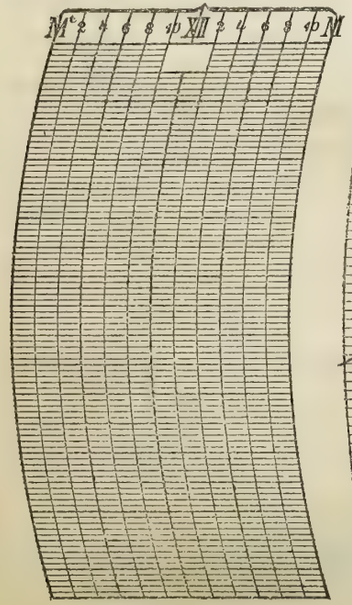
Extreme velocity, 15 E - 8.02 AM.

Relative humidity, 93 a. m. 75 p. m.

Reduced barometer, 30.35 a. m. 30.27 p. m.

River gage, 1.9 ft.

THERMOGRAPH.



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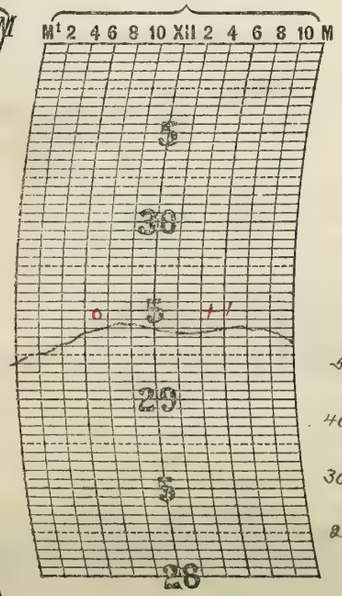

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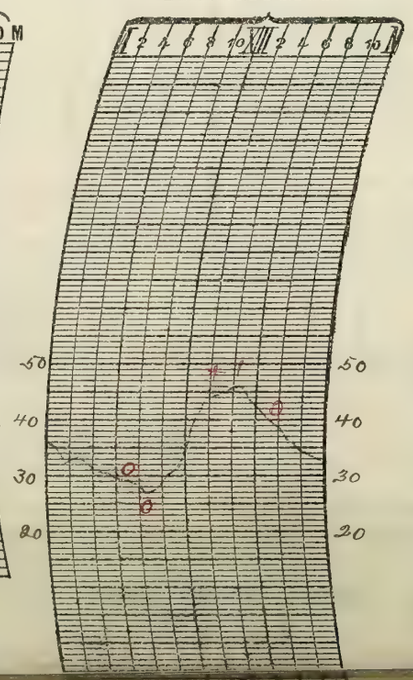


NOTES.

Heavy frost deposit in the morning.

Prepared by MFC

Verified by PMCF.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 18 1915, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	33	33	34	34	36	39	41	43	46 / 45	45	43	43	43	43	43	43	44	44	44	44
State of weather: Nature of precipitation and time of beginning and ending													RB 12.20											
Amounts of precipitation													—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 6.32 Character, Cloudy																					Sunset: Time, 4.20 Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	NE	E	E	E	E	E	E	NE	SE	NE	E	E	E	E	E	SE	SE	SE	SE
Wind movement	9	9	8	8	10	11	12	7	7	8	8	9	4	5	9	11	9	8	10	10	11	11	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .62 ins.

Total precipitation, midnight to midnight, +.75 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 220

Average hourly velocity, 9.2

Maximum velocity,	Direction,	Time.
16	SE	Began 10.30 PM

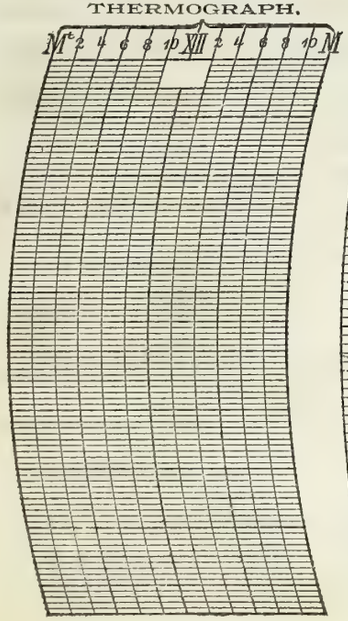
Extreme velocity, 16 - SE - 10.30 PM

Relative humidity, 89 a. m., 100 p. m.

Reduced barometer, 30.11 a. m., 29.60 p. m.

River gage, 1.7 ft.

THERMOGRAPH.



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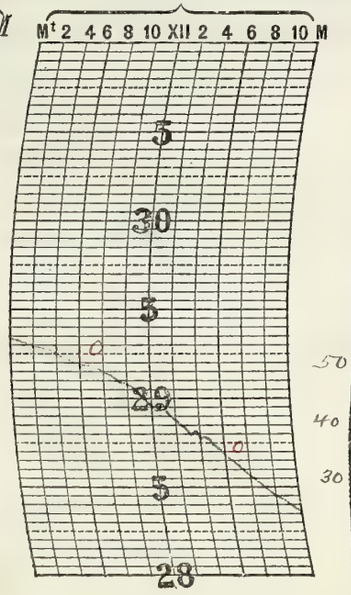
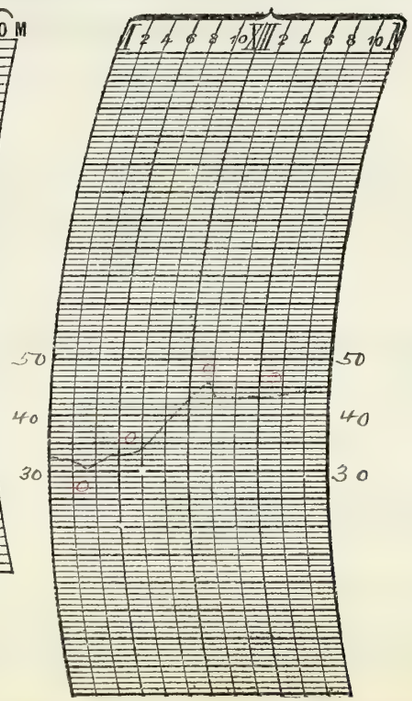


THERMOGRAPH.



+ Estimated

NOTES.

Prepared by H.P.C.

Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 19 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	46	45	44	42	37	37	36	35	35
Nature of precipitation and time of beginning and ending							TRE 6.10		TRB 8.00			
Amounts of precipitation	—	—	—	—	—	—	—		—	—	—	—
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6.33 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	11	14	14	14	22	22	23	24	26	24
Maximum velocities (exceeding 29 miles) direction and time							30 SW 6.38			30 SW 9.55	32 SW 10.35	30 SW 11.45

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	33	34	35	35	34	35	35	36
Nature of precipitation and time of beginning and ending	RE 12.10							SE 7.50				
Amounts of precipitation	—	—	—	—	—	—	—	—				
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.20 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W
Wind movement	28	30	29	29	30	28	24	27	27	28	28	29
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12.55	36 SW 1.25	34 SW 2.55	33 SW 3.40	34 SW 4.40	34 SW 5.20	30 SW 6.20	31 W 7.45	32 SW 8.10	32 W 9.30	31 SW 10.35	34 W 11.30

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.
Excessive precipitation, accumulated amounts					

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	33	40.1	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .16+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 551

Average hourly velocity, 23.0

Maximum velocity, 36 Direction, SW Began 1.25 P.M.

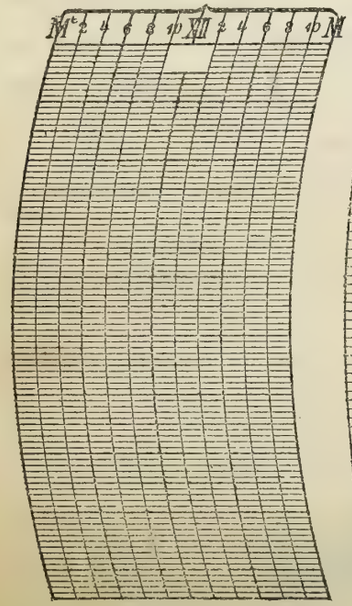
Extreme velocity, 37 - SW - 1.26 P.M.

Relative humidity, 96 a. m. 93 p. m.

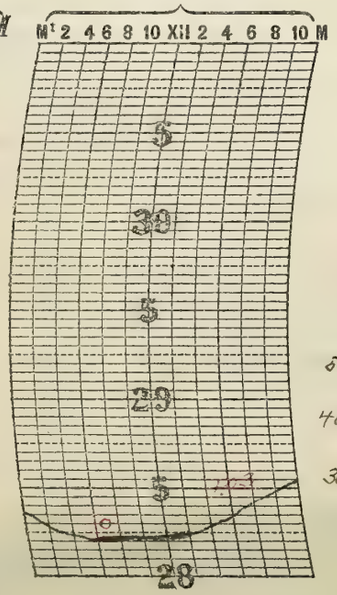
Reduced barometer, 29.12 a. m. 29.22 p. m.

River gage, 1.8 ft.

THERMOGRAPH.



BAROGRAPH.



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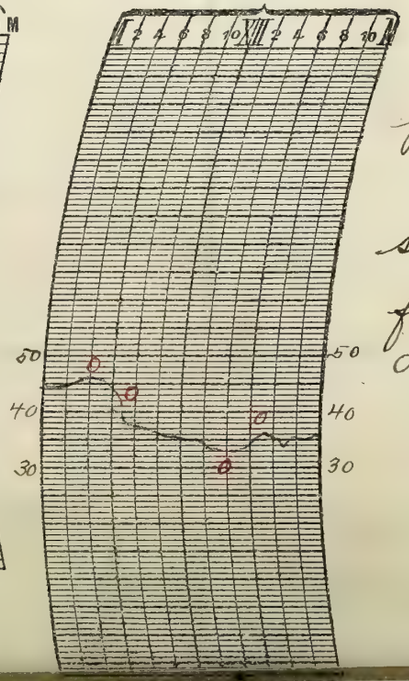


+estimated

NOTES.

High and somewhat gusty winds prevailed from 6.00 A.M till after midnight. The streets and walks were wet and slippery during the afternoon and evening from moist snow which melted soon after it fell.

Prepared by H.C.

Verified by P.M.C.

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 20 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	33	33	33	34	35	37	38	40	40	41	41	41	41	41	41	40	41	41	41	39
State of weather: Nature of precipitation and time of beginning and ending																						RB 9.25 RE 10.00		
Amounts of precipitation																						T		
Cloudiness and other conditions						Cloudy			×P. Cldy			×Cloudy						Cloudy						
Sunshine (in tenths of hours)	Sunrise: Time, 6.35 Character, Cloudy						0	0.5	0.8	0.8	0.1	0	0	0	0	0	0				Sunset: Time, 4.19 Character, Cloudy			
Wind direction	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	W	W	SW	SW
Wind movement	30	28	27	25	24	25	24	26	25	25	23	22	17	14	9	8	8	4	5	6	8	12	13	14
Maximum velocities (exceeding 24 miles) direction and time	35 W 12.48	32 SW 1.40	32 SW 2.55	30 W 3.20	30 W 4.10	31 SW 5.12		30 SW 7.50	30 SW 8.10	31 SW 9.45														

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	41	33	37.1	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.2

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 23

Prevailing direction SW

Total movement, 422

Average hourly velocity, 17.6

Maximum velocity, 35 Direction, W Time. Began 12.48 AM

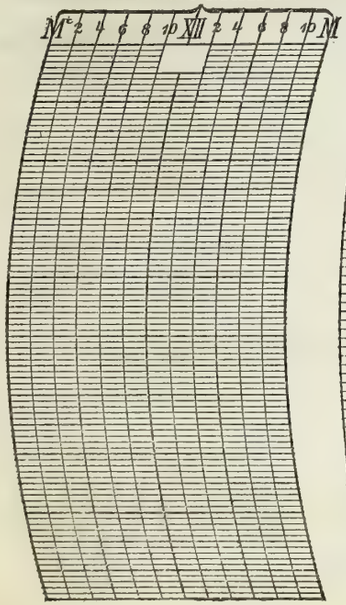
Extreme velocity, 36-W-12.48 AM

Relative humidity, 89 a. m. 77 p. m.

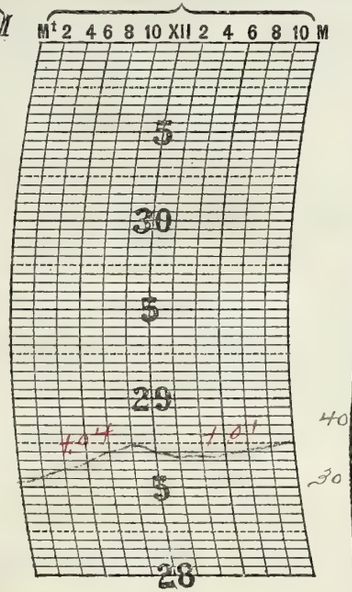
Reduced barometer, 29.63 a. m. 29.65 p. m.

River gage, 4.1 ft.

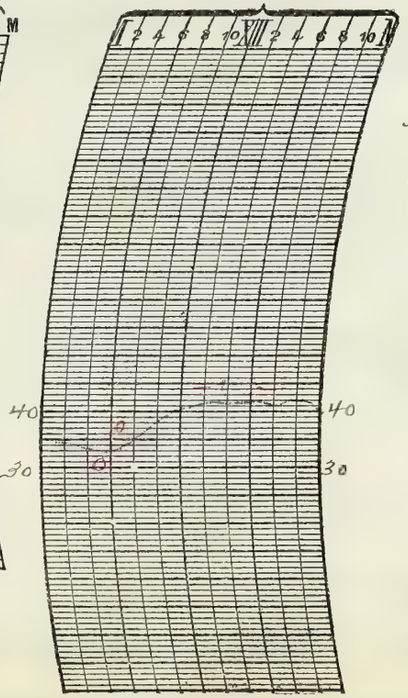
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

High and somewhat gusty winds continued during the early morning and forenoon and diminished by noon.

Prepared by J.H.C.

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 21 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	37	36	35	32	31	31	32	30	29	28
State of weather: Nature of precipitation and time of beginning and ending												S 11.30
Amounts of precipitation												T
Cloudiness and other conditions						← Clear		× P.C. ×		Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	15	14	15	16	19	23	22	20	20	18	20	19
Maximum velocities (exceeding 2 miles) direction and time							30 W 6.15					

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	29	29	29	28	28	28	28	28	28	28
State of weather: Nature of precipitation and time of beginning and ending					S E 4.50							
Amounts of precipitation	T	T	T	T	T							
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	W
Wind movement	21	19	18	15	14	16	16	14	15	13	14	14
Maximum velocities (exceeding 2 miles) direction and time												

Sunrise: Time, 6.36; Character, Cloudy

Sunset: Time, 4.18; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	27	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full Moon 1.36 P.M.

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 410

Average hourly velocity, 17.1

Maximum velocity, 30 Direction, W Time. Began 6.15 AM

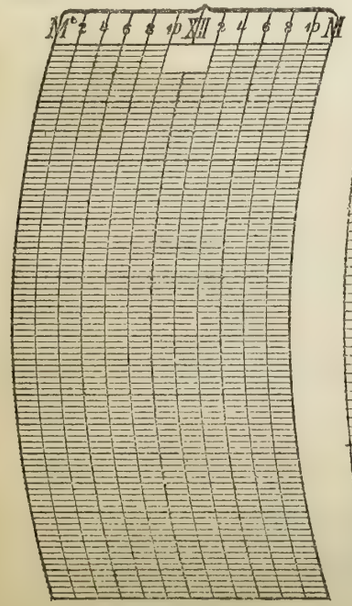
Extreme velocity, 31 W - 6.15 AM.

Relative humidity, 83 a. m. 82 p. m.

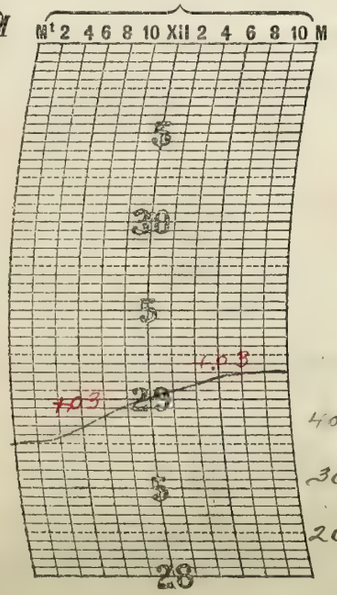
Reduced barometer, 29.83 a. m. 30.10 p. m.

River gage, 4.9 ft.

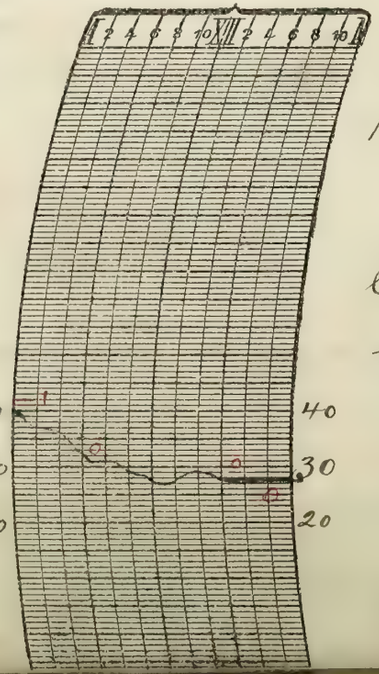
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dry snow fell at intervals from 11.30 A.M. to 4.50 P.M.

The day was rather cold and chilly, with strong winds during the forenoon

Prepared by J.H.C.

Verified by P.M.G.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Nov 22 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	28	28	28	29	31	34	34	34	33	33	33	32	32	33	33	32	31	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy						Pt Cldy						Cloudy									
Sunrise: Time, 6.37 Character, Cloudy																					Sunset: Time, 4.18 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0	1.0	0.9	0.6	0.2	0							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	S	S
Wind movement	12	12	12	9	9	12	13	9	11	9	12	13	13	13	12	13	6	8	9	9	9	10	7	7
Maximum velocities (exceeding 35 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

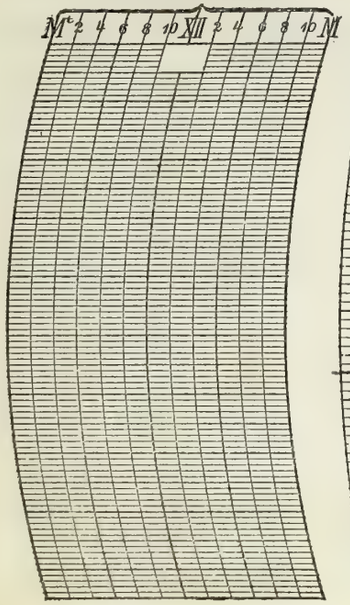
1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	34	28	31.1	

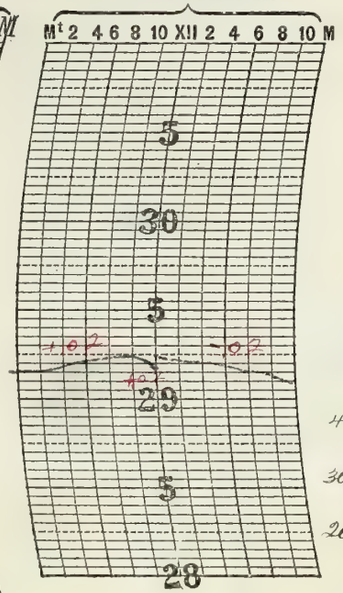
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7.1
Actual sunshine, hours, 5.0
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 52
Prevailing direction SW.
Total movement, 249
Average hourly velocity, 10.4

Maximum velocity, 15 Direction, SW Time. Began 1.16 P.M.
Extreme velocity, 15 - SW - 1.16 P.M.
Relative humidity, 83 a. m. 85 p. m.
Reduced barometer, 30.17 a. m. 30.10 p. m.
River gage, 5.4 ft

THERMOGRAPH.



BAROGRAPH.



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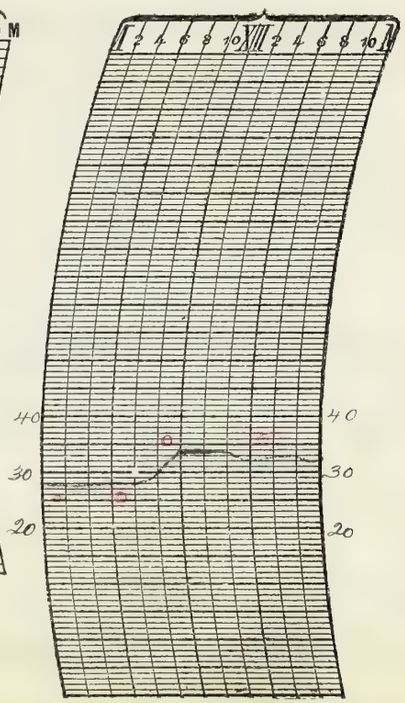


NOTES.

Prepared by JHC
Verified by PMD

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 23 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	33	34	35	32	33	34	36	37	39	39	39	38	36	35	34	34	34	34	33	33
							8 DN		SE 8.15															
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T	T															
Cloudiness and other conditions							Cloudy						Cloudy											
Sunrise: Time, Character,	6.38 Cloudy																				Sunset: Time, Character, 4.17 Cloudy			
Sunshine (in tenths of hours)							0	0	0	+0.2	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	W	SW
Wind movement	9	6	7	7	9	8	9	7	9	8	11	11	15	17	13	13	13	13	13	10	9	10	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 2

Prevailing direction SW

Total movement, 243

Average hourly velocity, 10.1

Maximum velocity, 18 Direction, SW Time. Began 1.22 PM

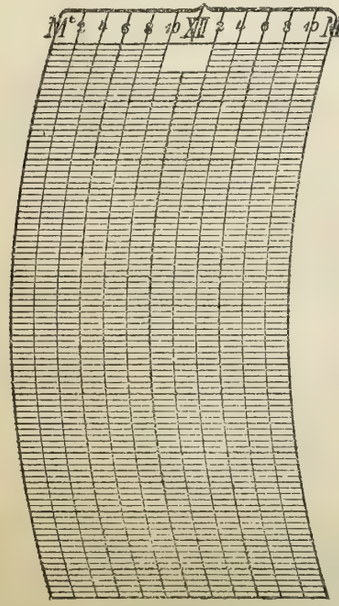
Extreme velocity, 18-SW-1.22 PM

Relative humidity, 86 a. m., 81 p. m.

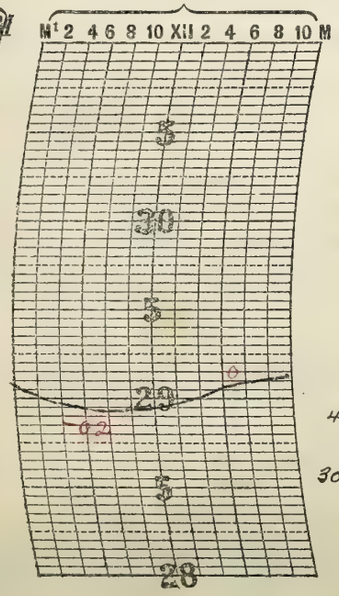
Reduced barometer, 29.86 a. m., 30.03 p. m.

River gage, 5.7 ft.

THERMOGRAPH.



BAROGRAPH.



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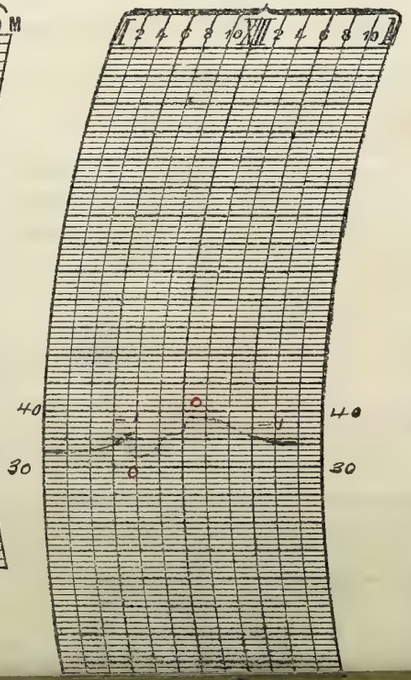


+Sun shone through clouds

NOTES

Streets and walks wet and slippery during part of the forenoon from moist snow which melted soon after it fell.

Prepared by J.H.C.

Verified by D.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 24 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	35	35	36	35	33	32 33	32	35	37	39	43	46	48	49	47	45	43	43	43	44	44	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear							× Pt cldy			× cldy			× Pt cldy					→
Sunrise: Time, Character,	6:39 Cloudy																				Sunset: Time, Character, 4:16 Cloudy			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	0.8	0.9	0	0							
Wind direction	W	W	W	SW	SW	SW	W	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	3	3	4	7	6	3	6	8	11	12	11	12	12	12	13	11	14	14	15	14	14	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, _____

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 6.5

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 68

Prevailing direction SE

Total movement, 235

Average hourly velocity, 9.8

Maximum velocity, 18 Direction, SE Time. Began 8.08 P.M.

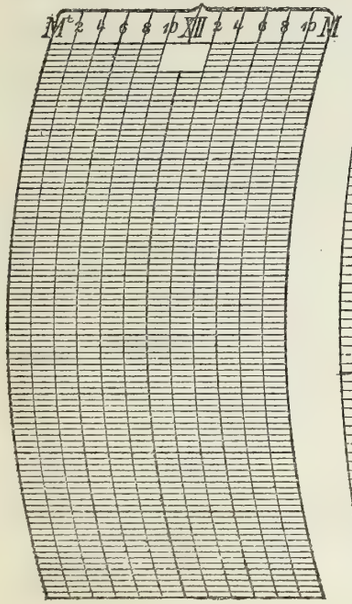
Extreme velocity, 18 - SE - 8.08 P.M.

Relative humidity, 88 a. m. 70 p. m.

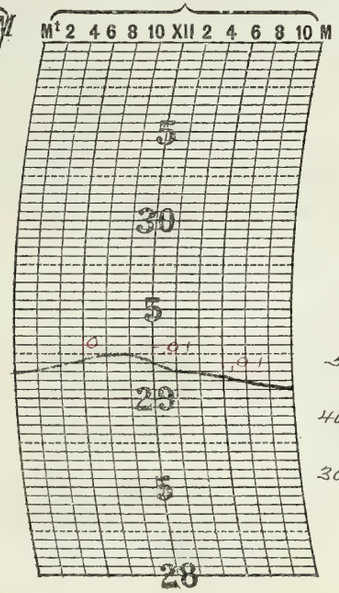
Reduced barometer, 30.16 a. m., 30.03 p. m.

River gage, 5.8 ft.

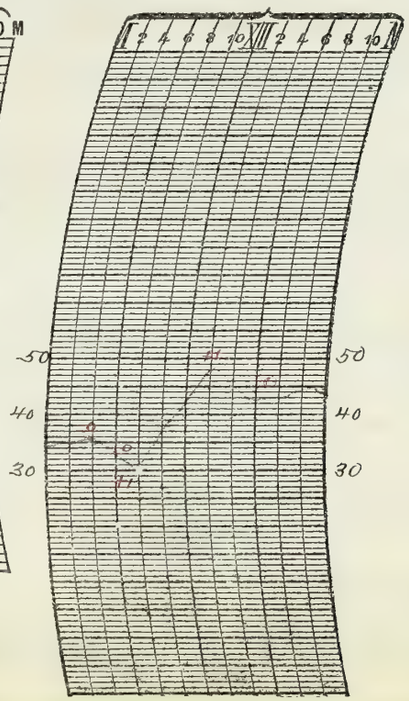
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 25 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	44	44	44	46	48	48	51	53	57	62	63	66	67	67	64	63	[illegible]	55	58	58	57	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cloudy	×		Pt Cldy				Pt Cloudy										→
Sunshine (in tenths of hours)							0	0	0.2	0.3	1.0	0.8	0.9	1.0	1.0	0.2	0							
Wind direction	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	13	13	13	9	13	15	16	14	17	17	21	25	23	23	20	13	11	7	11	14	17	16	15	14
Maximum velocities (exceeding 29 miles) direction and time												32 SW 11.44	31 SW 12.20											

Sunrise: Time, 6.41 Character, Cloudy

Sunset: Time, 4.16 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.4

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 56

Prevailing direction SE

Total movement, 370

Average hourly velocity, 15.4

Maximum velocity, 32 Direction, SW Time. Began 11.44 AM

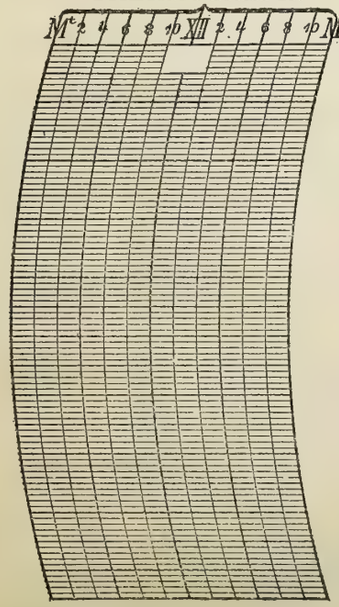
Extreme velocity, 32 - SW - 11.44 AM

Relative humidity, 73 a. m., 62 p. m.

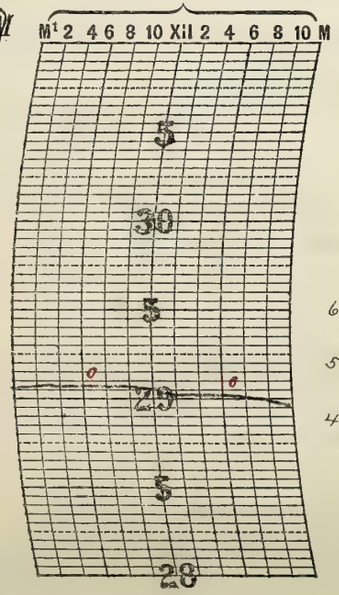
Reduced barometer, 29.98 a. m., 29.92 p. m.

River gage, 4.8 ft.

THERMOGRAPH.



BAROGRAPH.



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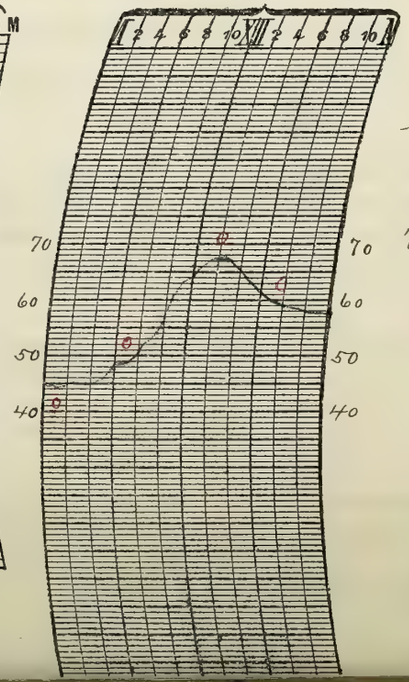


NOTES.

Strong and somewhat gusty winds prevailed during the middle of the day. The weather was mild and a very pleasant day for the time of year.

Prepared by J.H.C.
Verified by P.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 26 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	57	56	56	55	54	54	54	56	61	62	62	62	61	61	58	58	54	54	52	51	49	47	46
State of weather: Nature of precipitation and time of beginning and ending														TR 1.10										
Amounts of precipitation														T	T	T	T	T	T	T	T	T	T	T
Cloudiness and other conditions						← Cloudy							← Cloudy											
Sunrise: Time, 6.42 Character, Cloudy																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.2	0.7	0.5	0	0	0	0	0	0							
Wind direction	S	SE	S	S	S	S	S	SE	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	16	15	16	15	18	21	23	22	21	25	32	27	25	23	19	16	14	19	16	11	9	10	14	17
Maximum velocities (exceeding 29 miles) direction and time										31 S 9.42	38 S 10.18	35 S 11.42	31 S 12.08	31 S 1.22										

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.4

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 15

Prevailing direction S

Total movement, 444

Average hourly velocity, 18.5

Maximum velocity, 38 Direction, S Time. Began 10.18 AM

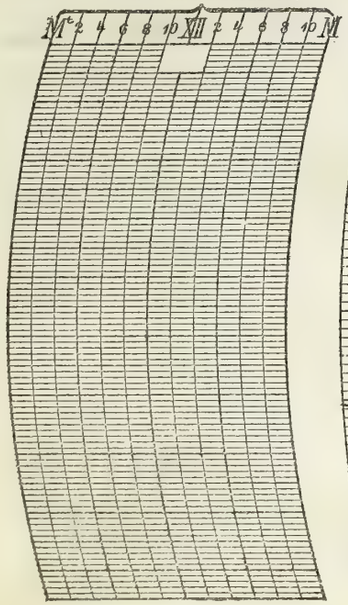
Extreme velocity, 38 - S - 10.18 AM.

Relative humidity, 68 a. m., 87 p. m.

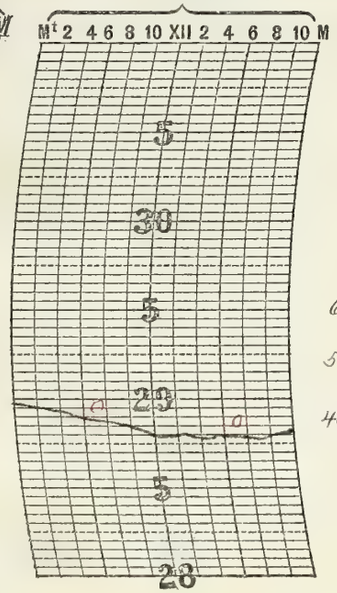
Reduced barometer, 29.76 a. m., 29.69 p. m.

River gage, 4.3 ft.

THERMOGRAPH.



BAROGRAPH.



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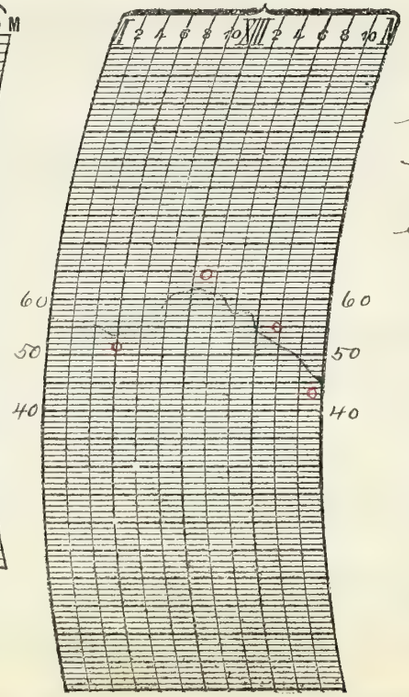


NOTES.

High and somewhat gusty winds prevailed during the forenoon and part of the afternoon. Rain fell at intervals during the afternoon and evening.

Prepared by J.H.C.

Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 27 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	39	40	40	39	39	37	37	38	41	43	45	47	46	45	44	44	43	42	41	40	39	37
State of weather: Nature of precipitation and time of beginning and ending								RE 7.35																
Amounts of precipitation	--	--	--	--	--	--	--	T																
Cloudiness and other conditions	Cloudy												Pt Cldy					Cloudy						
Sunrise: Time, 6.43 Character, Cloudy																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.8	1.0	1.0	0.5	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SE	SE
Wind movement	18	20	19	14	14	16	15	16	16	15	16	17	15	14	11	9	7	9	7	6	6	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 37

Prevailing direction SW

Total movement, 305

Average hourly velocity, 12.7

Maximum velocity, 25 Direction, SW Time. Began 12:42 AM

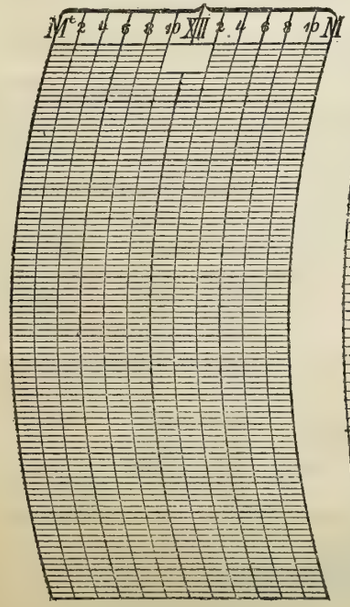
Extreme velocity, 25 SW 12:42 AM

Relative humidity, 100 a. m. 87 p. m.

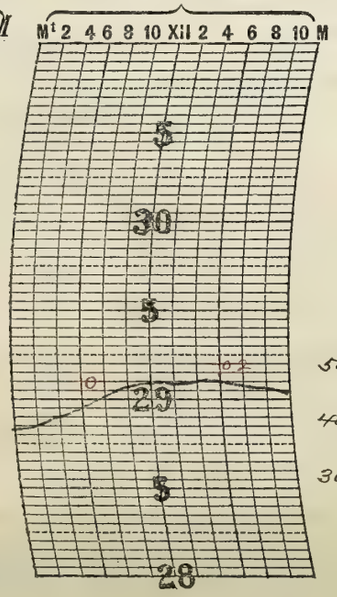
Reduced barometer, 29.93 a. m. 30.05 p. m.

River gage, 3.9 ft

THERMOGRAPH.



BAROGRAPH.



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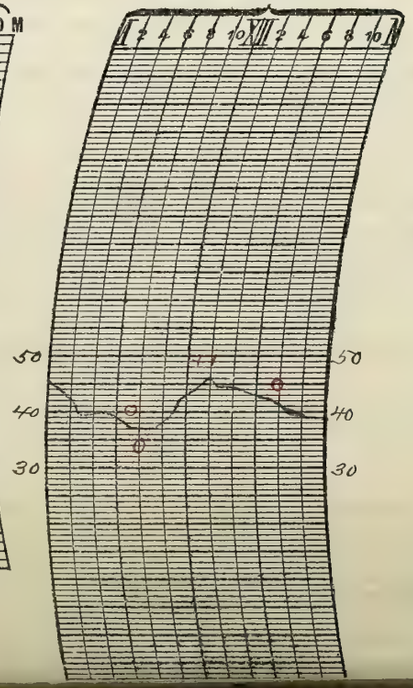


NOTES.

Prepared by J.H.C.
Verified by O.J.R.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 28 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	36	35	36	35	36	38	42	44	46	47	47	45	41	40	39	38	37	36	35	33	34	34
State of weather: Nature of precipitation and time of beginning and ending														TR 1.30	✓									
Amounts of precipitation														–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions							Pt Cloudy						Cloudy					Cloudy						
Sunrise: Time, 6.44 Character, Cloudy																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.4	0.4	0.5	0	0	0	0	0	0							
Wind direction	SE	SE	E	E	E	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	10	6	6	4	4	6	7	8	10	14	15	16	17	13	17	21	24	21	23	19	14	22	29	28
Maximum velocities (exceeding 25 miles) direction and time																							34 W 10.48	33 W 11.24

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	47	33	40 ✓	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.5 ins.

Total precipitation, midnight to midnight, 10+ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 1.3

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 14

Prevailing direction SW

Total movement, 354

Average hourly velocity, 14.8

Maximum velocity, 34 Direction, W Time. Began 10.48 PM

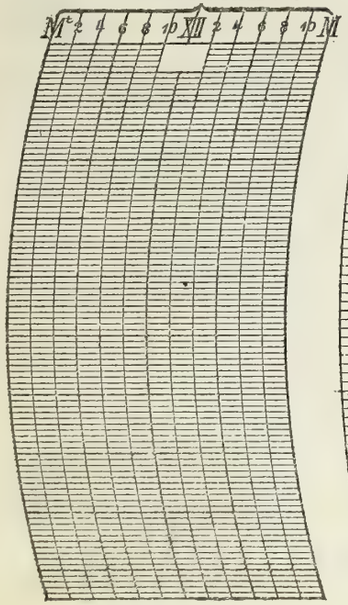
Extreme velocity, 35 – W – 10.48 PM

Relative humidity, 90 a. m. 100 p. m.

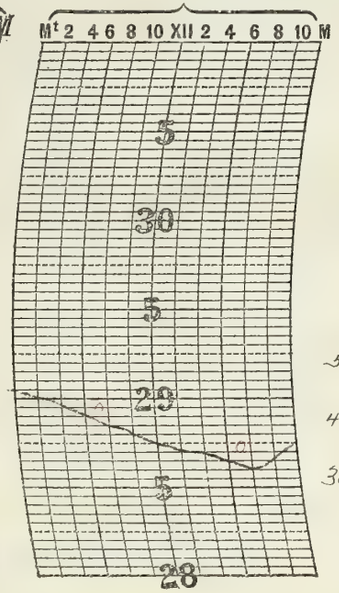
Reduced barometer, 29.82 a. m. 29.55 p. m.

River gage, 3.5 ft.

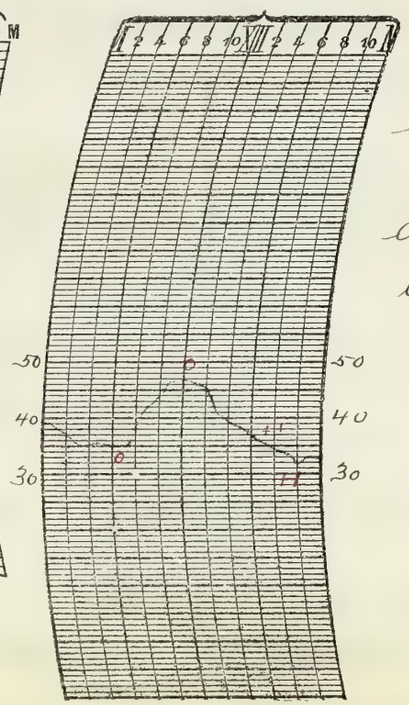
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+Estimated.

NOTES.

Rain fell at intervals during the afternoon and during the evening.

Strong and somewhat gusty winds prevailed during the afternoon and evening, increasing to high by midnight.

Prepared by THE.

Verified by O.M.E.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 29 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	31	30	29	28	27	26	26	29	31	33	34	35	32	31	31	29	27	27	26	24	24	24
State of weather: Nature of precipitation and time of beginning and ending	RE DN S^m B DN		SE DN											SM B 1.55			SE 4.30							
Amounts of precipitation	—	—	—											T	T	T	T							
Cloudiness and other conditions					Cloudy		×	Pt Cloudy				×					Cloudy							

Sunrise: Time, 6.45 Character, Cloudy

Sunset: Time, 4.14 Character, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	0.1	0.1	0	0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	25	24	23	20	19	15	20	18	17	16	15	14	16	16	19	17	15	17	18	16	17	16	13	15
Maximum velocities (exceeding 29 miles) direction and time	30 W 12.12																							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	35	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0.6+ inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., 12 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.7+ inches.

Character of day, Cloudy Moon phase, Last Quarter 6^10 P.

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.4

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 36

Prevailing direction SW

Total movement, 421

Average hourly velocity, 17.5

Maximum velocity, 30 Direction, W Time. Began 12.12 AM

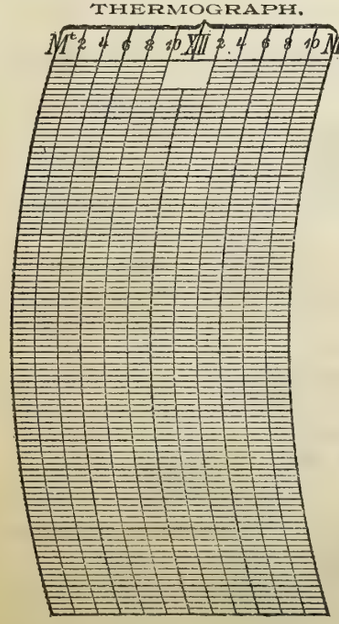
Extreme velocity, 30 - W - 12.12 AM.

Relative humidity, 72 a. m. 75 p. m.

Reduced barometer, 29.87 a. m. 29.99 p. m.

River gage, 3.2 ft

THERMOGRAPH.



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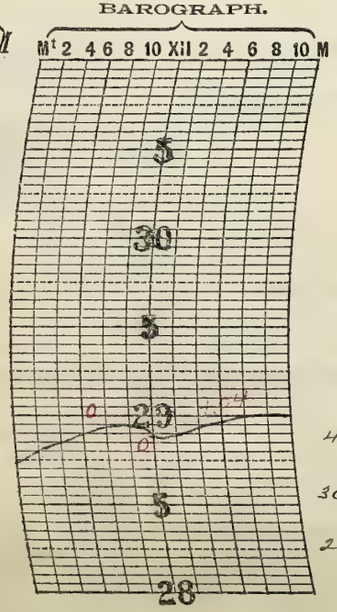

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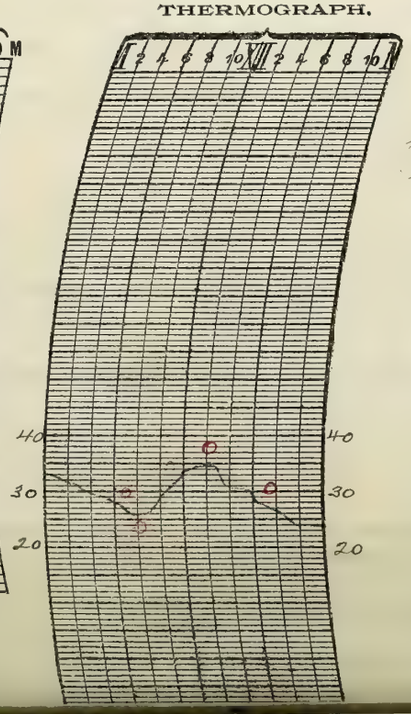


+ Estimated

NOTES.

The high and somewhat gusty winds of the preceding day continued during the early morning and diminished by noon.
Moist snow fell during the early morning
The snow melted soon after it fell.
Snowflurries prevailed from 1.55 P.M. to 4.30 P.M.

Prepared by JFC.
Verified by PMCK.

FORM NO. 1014—MGT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 2 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	23	23	23	23	22	22	22	24	28	31	32	33	32	31	30	29	28	27	26	26	27
					SB DR					SE 10.00														
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	T	T	T	T	T														
Cloudiness and other conditions				Cloudy							P.C.		Clear											
Sunrise: Time, 6.46; Character, Cloudy																					Sunset: Time, 4.14; Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0.9	1.0	1.0	1.0	1.0	0.6 0.4	0.23 0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	16	15	17	16	18	19	19	18	19	19	18	17	18	17	14	12	12	14	13	12	8	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	22	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.1

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 64

Prevailing direction SW

Total movement, 370

Average hourly velocity, 15.4

Maximum velocity, 22 Direction, SW Time. Began 9.22 AM

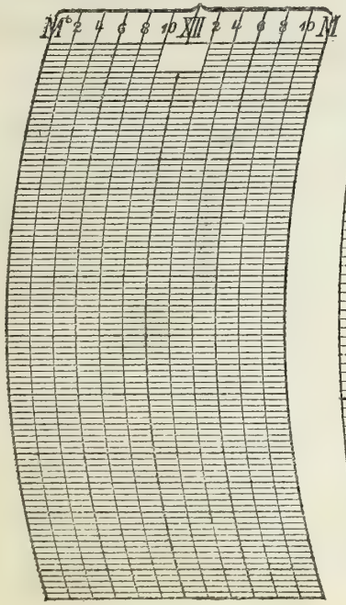
Extreme velocity, 22 - SW - 9.23 AM

Relative humidity, 83 a. m., 72 p. m.

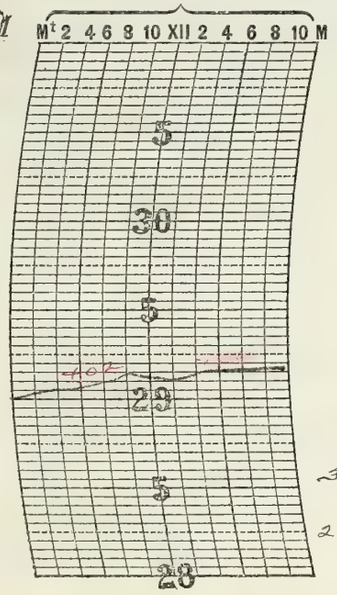
Reduced barometer, 30.08 a. m., 30.17 p. m.

River gage, 2.8 ft

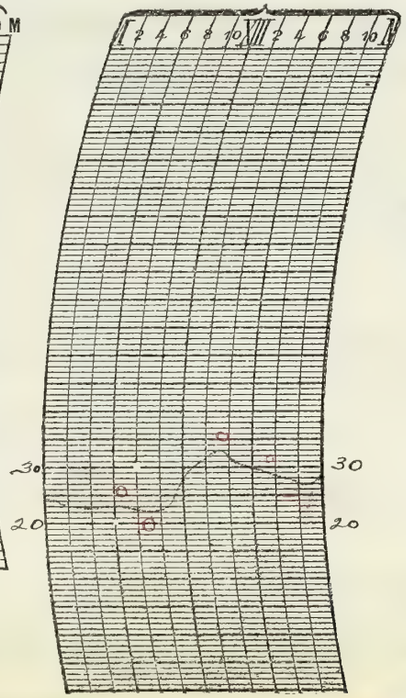
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow flurries occurred during the early morning and part of the forenoon.

Prepared by J.H.T.

Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) Dec 1 1915, 191

Time (local standard) 6/0 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	29	30	31	31	31	31	32	33	33	34	36	36	37	36	35	34	33	33	33	33	32
State of weather: Nature of precipitation and time of beginning and ending				SP 3 DN								SE 11-30												SG 11.45
Amounts of precipitation				—	—	—	—	—	—	—	—	—												T
Cloudiness and other conditions				Cloudy									Cloudy x P.C. x						Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	SW	SW	SW	S	W	W	W	W	W
Wind movement	10	12	11	10	8	11	11	11	11	11	11	10	11	9	7	5	5	4	6	5	7	8	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.47 Character, Cloudy

Sunset: Time, 4.14 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	37	27	32.1	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, .14 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 209

Average hourly velocity, 8.7

Maximum velocity,	Direction,	Time.
14	SW	Began 1.08 AM

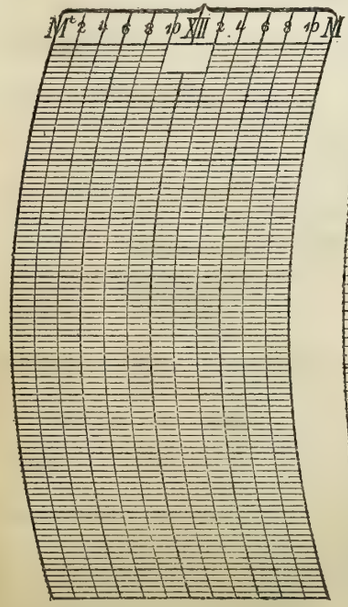
Extreme velocity, 13 SW 0.8 4 M.

Relative humidity, 95 a. m., 86 p. m.

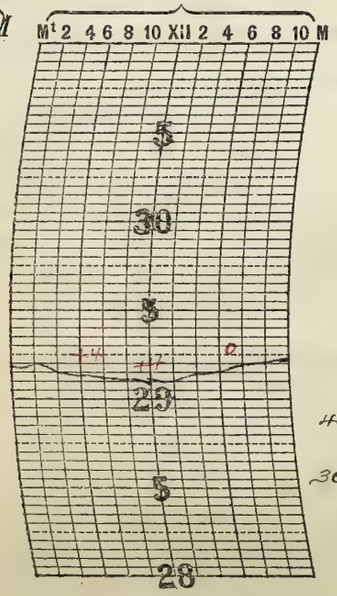
Reduced barometer, 30.11 a. m., 30.10 p. m.

River gage, 2.6 ft.

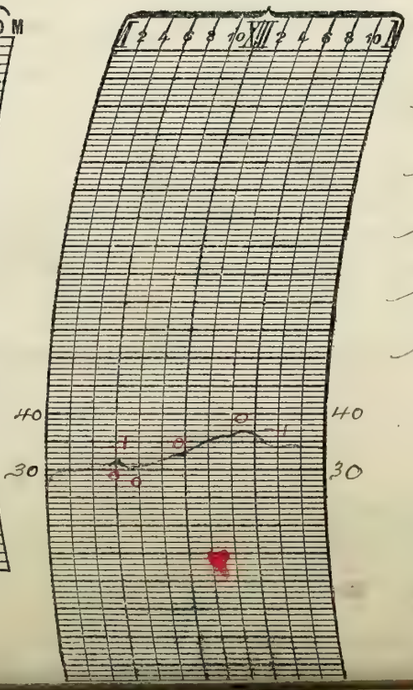
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moist snow fell during the early morning and forenoon. Some of the snow melted soon after it fell and caused the streets and walks to be wet, slushy, and slippery during the day and evening.

Prepared by J.H.C.
Verified by P.M.E.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 2 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	30	29	28	27 1 / 25	27	28	29	31	32
Nature of precipitation and time of beginning and ending		d SE ON										
Amounts of precipitation	T	T										
Cloudiness and other conditions	cldy →						← clear	×		Pt cldy		
Sunshine (in tenths of hours)							0	0	0.2	0.6	0.9	0.7
Wind direction	W	NW	NW	NW	NW	W	SW	SW	W	W	W	NW
Wind movement	7	6	6	4	4	5	6	7	9	8	10	10

Sunrise: Time, 6.48 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	33	32	31	30	29	27	25	24
Nature of precipitation and time of beginning and ending		M SB 1.55	M SE 2.00									
Amounts of precipitation		T	T									
Cloudiness and other conditions		×	Cloudy		×	PC	×	clear				
Sunshine (in tenths of hours)	0.7	0.1	0.2	0	0							
Wind direction	NW	NW	W	W	W	SW	W	W	SW	SW	SW	SW
Wind movement	9	9	9	7	5	5	6	5	4	3	4	5

Sunset: Time, 4.13 Character, Cloudy

State of weather.

Maximum velocities (exceeding 25 miles) direction and time 1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	24	29	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 1 p. m., 0.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 3.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 36

Prevailing direction W

Total movement, 153

Average hourly velocity, 6.4

Maximum velocity, 23 Direction, NW Began 11.44 AM.

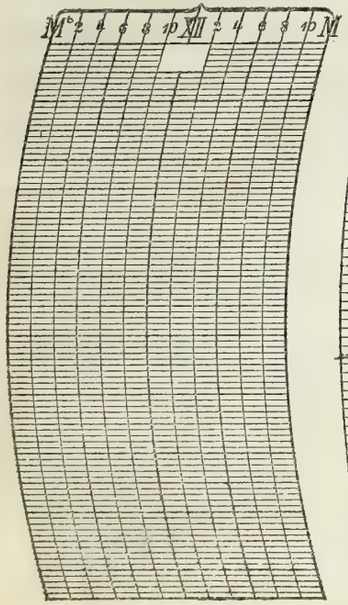
Extreme velocity, 23 - NW - 11.44 AM.

Relative humidity, 87 a. m., 81 p. m.

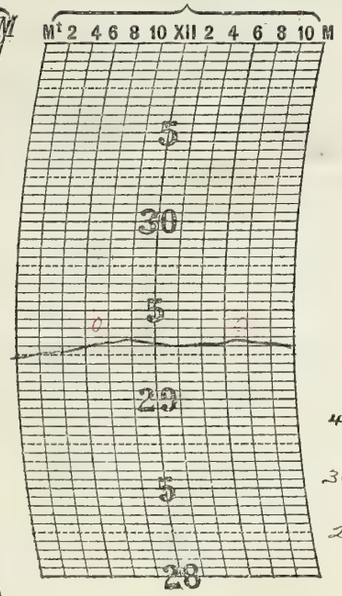
Reduced barometer, 30.26 a. m., 30.27 p. m.

River gage, 2.5 ft.

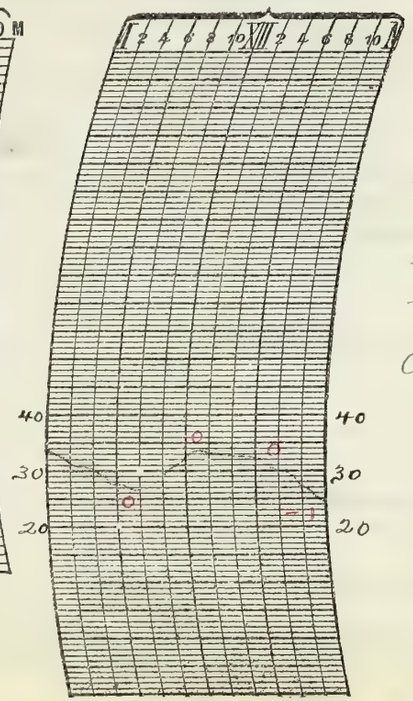
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow flurries occurred from 1.55 P. to 2.05 P.M. Streets and walks covered in many places with snow. Some snow melted during the day causing the streets and walks in many places to be wet, slushy and slippery during the day and evening.

Prepared by J.T.C.
Verified by P. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	23	23	24	25	26	26	27	28	29	30
Nature of precipitation and time of beginning and ending					m SR DN						m SE 11.00	
Amounts of precipitation					—	—	—	—	—	—	—	
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, 6.49 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	SW	SW	S	S	S	S	S	S	SE	SE	E	E
Wind movement	4	4	7	5	7	7	7	6	7	6	5	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	32	32	32	31	29	29	28	28	27	26	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									→
Sunset: Time, 4.13 Character, Cloudy												
Sunshine (in tenths of hours)	0.6	0.4	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	6	7	5	7	8	9	7	5	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

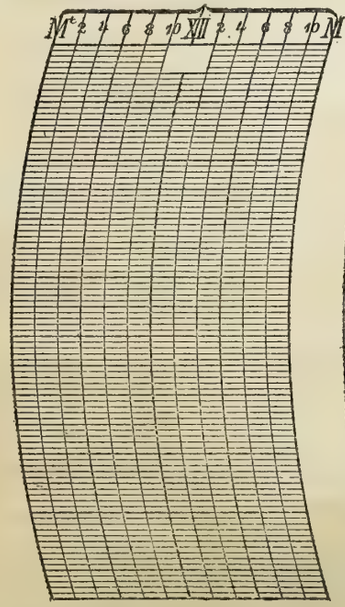
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

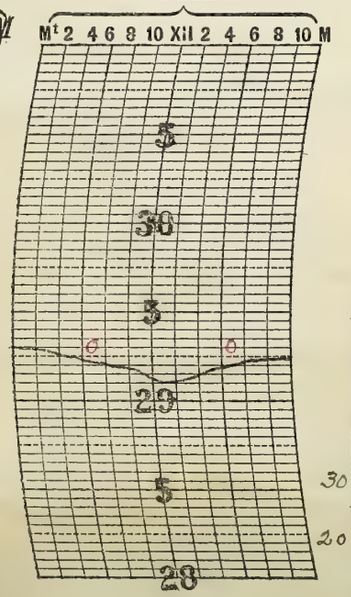
	Maximum.	Minimum.	Mean.	Normal.
	32	23	28	

Total depth of snow for 24 hours ending 1 p. m., 0.7 inches.
Snow on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.7 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.2
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 13
Prevailing direction NE
Total movement, 150
Average hourly velocity, 6.2
Maximum velocity, 10 Direction, NE Time. Began 6.42 PM
Extreme velocity, 10 - NE - 6.42 PM
Relative humidity, 94 a. m. 67 p. m.
Reduced barometer, 30.14 a. m. 30.12 p. m.
River gage, 2.7 ft

THERMOGRAPH.



BAROGRAPH.



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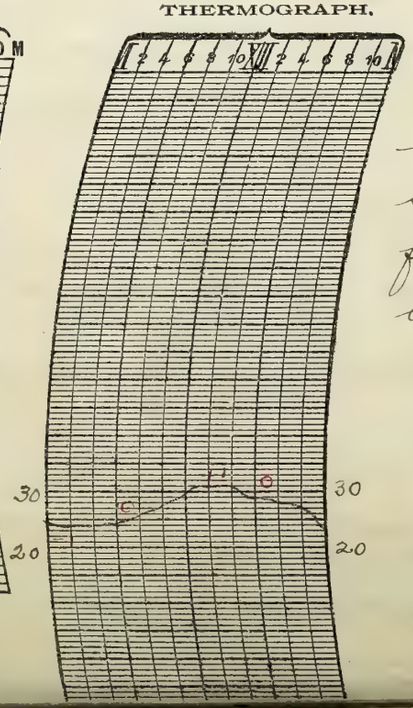


NOTES.

Light, quite dry snow fell during the early morning and forenoon. The streets and walks were rather slippery from snow and ice during the day and evening.

Prepared by J.H.R.
Verified by P. McD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 4 1915, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	20	19	18	19	19	21	23	27	29	30	32	32	33	32	30	29	28	27	26	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cldy		×		Pt Cldy	×			Clear	×	Pt Cldy	×			Clear					→
Sunrise: Time, 6.50 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	0.9	1.0	1.0	0.5	0.1 (0.9, .22)	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE
Wind movement	7	4	5	5	6	7	4	5	5	6	8	7	8	7	7	7	6	5	6	6	6	6	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 74

Prevailing direction NE

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity, 12 Direction, NE Began 3.41 PM

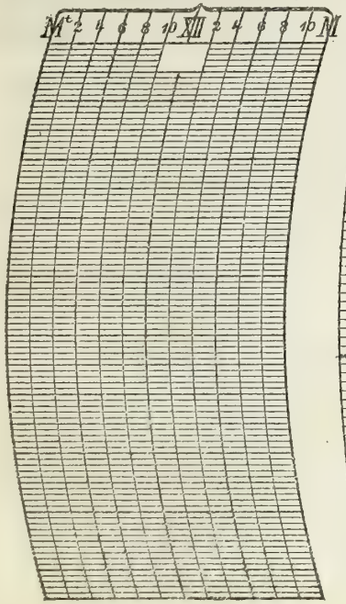
Extreme velocity, 12 - NE - 3.41 PM

Relative humidity, 88 a. m., 61 p. m.

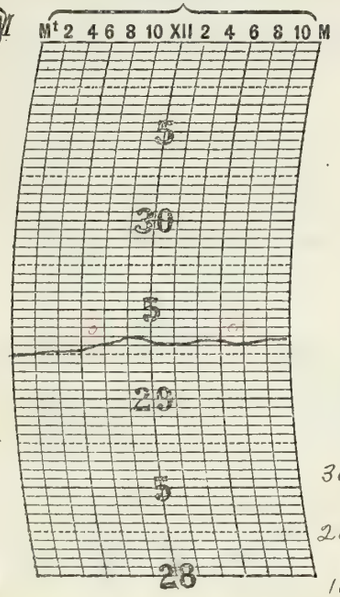
Reduced barometer, 30.25 a. m., 30.26 p. m.

River gage, 2.9 ft

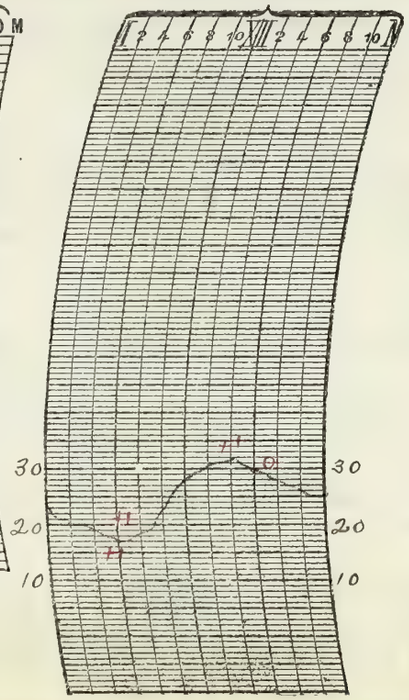
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets and walks slippery during the day and evening from snow and ice. They were slippery in places not exposed to the suns rays.

Prepared by J.H.C.

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 5 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	25	25	25	25	25	26	28	30	31	33	33	33	33	32	30	28	27	25	24	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy						Cloudy × PC				×		Clear			→		
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.4	0.8	0.1	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	7	6	8	7	6	7	6	8	8	9	8	7	7	7	8	7	7	5	7	10	9	8	8	8

Sunrise: Time, 6.51 Character, Cloudy

Sunset: Time, 4.13 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 1 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 1.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 19

Prevailing direction NE

Total movement, 178

Average hourly velocity, 7.4

Maximum velocity, 12 Direction, N Time. Began 11.34 PM

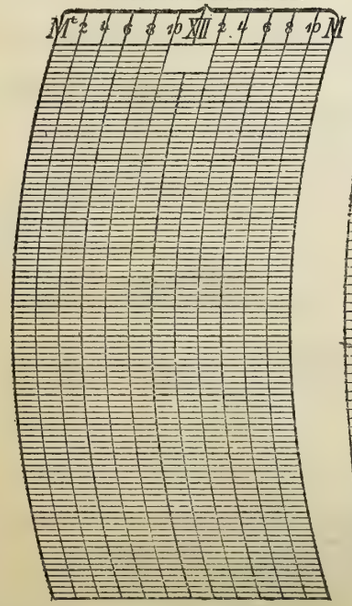
Extreme velocity, 12 - N - 11.34 PM

Relative humidity, 85 a. m., 77 p. m.

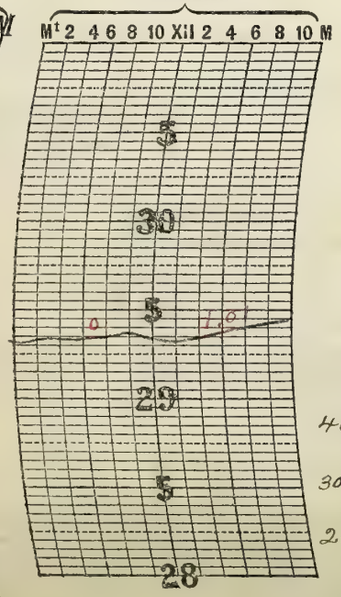
Reduced barometer, 30.33 a. m., 30.39 p. m.

River gage, 3.0 ft.

THERMOGRAPH.



BAROGRAPH.



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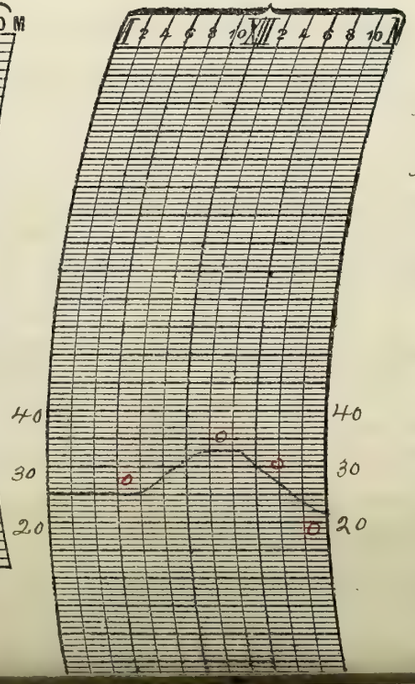


NOTES.

In places not exposed to the sun's rays the streets and walks were slippery from snow and ice. The day was rather chilly.

Prepared by H.A.R.
Verified by P.M.E.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	20	20	20	19	18	18	22	27	29	31	33	34	34	34	33	32	31	30	30	30	30	29
State of weather: Nature of precipitation and time of beginning and end																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear			×		Pt Cloudy	×				Cloudy							→
Sunrise: Time, 6.52 Character, Clear																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0.13 0	1.0 0	0.5 0.5	1.0	0.8	0.9	0.6	0.4	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	8	8	5	4	4	6	5	4	3	4	5	3	5	4	4	6	5	4	5	4	2	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, New Moon 2.04 PM.

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 5.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 62

Prevailing direction NE

Total movement, 116

Average hourly velocity, 4.8

Maximum velocity, 11 Direction, N Began 2.32 AM

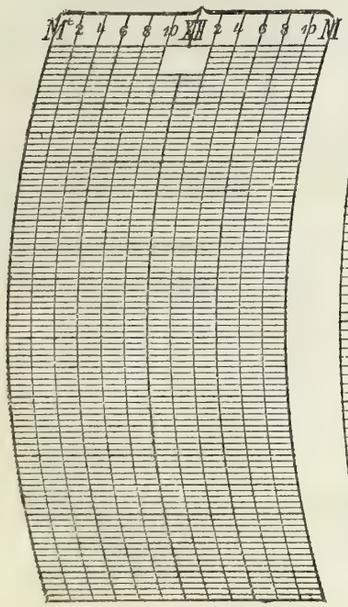
Extreme velocity, 11 – N – 2.32 AM

Relative humidity, 87 a. m. 81 p. m.

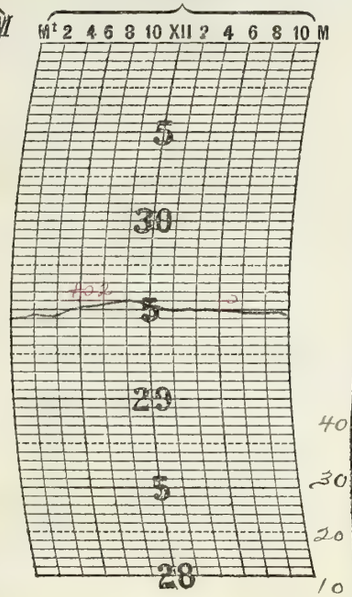
Reduced barometer, 30.51 a. m. 30.47 p. m.

River gage, 3.2 ft

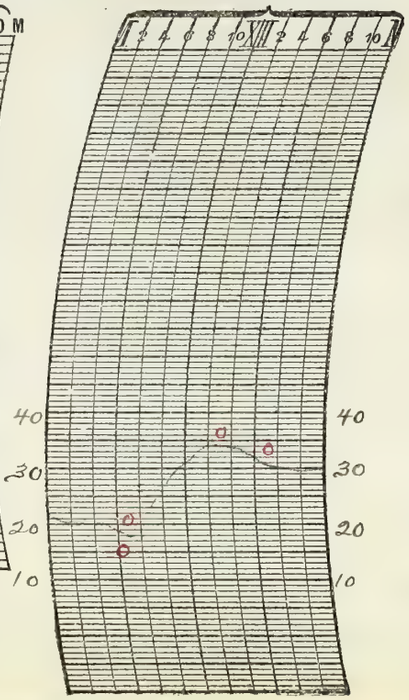
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

In places not exposed to the sun's rays the streets and walks were slippery from snow and ice during the forenoon. Some thawing occurred during the afternoon.

Prepared by J.H.C.

Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 7 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	25	26	25	27	29	31	32	34	35	36	37	37	37	36	36	37	37	37	35	35
State of weather: Nature of precipitation and time of beginning and ending																			SB 6.10 SE 6.30					
Amounts of precipitation																			T					
Cloudiness and other conditions					← Cloudy					Cloudy					Cloudy									→

Sunrise: Time, 6.53 Character, Cloudy

Sunset: Time, 4.13 Character, Cloudy

Sunshine (in tenths of hours)							0	0	0	0	0	0	0.4	0	0	0	0							
Wind direction	NE	E	E	SE	SE	SE	S	S	S	S	S	SW	SW	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	2	2	3	3	6	8	9	11	15	18	18	13	10	9	13	13	14	14	14	15	14	14

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	24	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.4

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 4

Prevailing direction SW

Total movement, 241

Average hourly velocity, 10.3

Maximum velocity, 22 Direction, SW Time. Began 11.40 AM

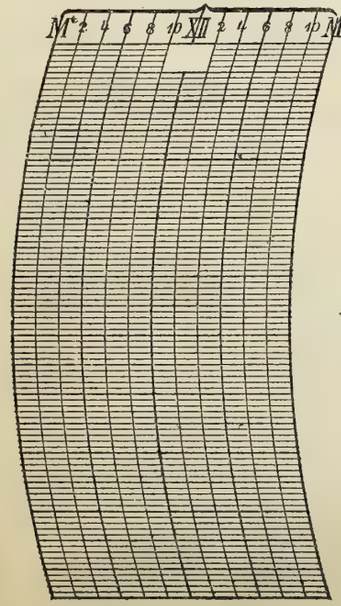
Extreme velocity, 22 - SW - 11.40 AM

Relative humidity, 87 a. m., 67 p. m.

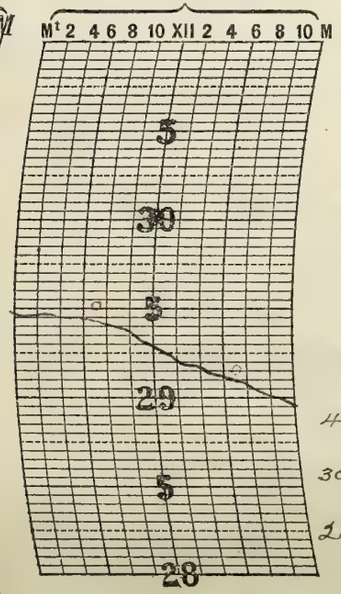
Reduced barometer, 30.39 a. m., 30.04 p. m.

River gage, 3.3 ft

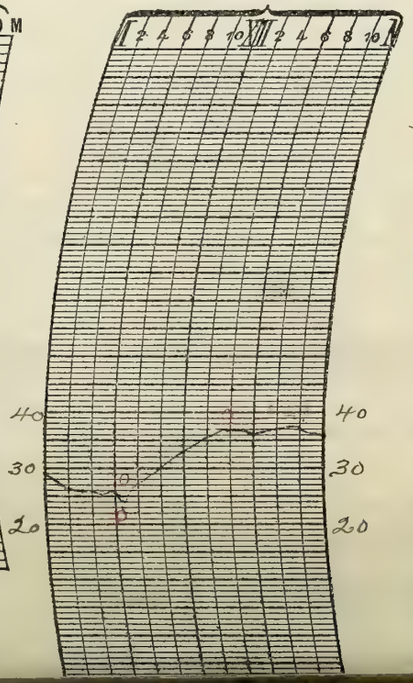
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets and walks nearly free from snow and ice.

Prepared by J.H.C.

Verified by C.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 8 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	34	33 (32)	33	33	33	33	34	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												SB 11.10
Amounts of precipitation												T
Cloudiness and other conditions						← Clear × P.C. ×				Cloudy		
Sunrise: Time, Character, 6.54 Clear												
Sunshine (in tenths of hours)							.10 0	0.3 0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW
Wind movement	15	14	15	18	16	15	17	16	15	14	16	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	32	33	34	34	34	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending		SE 2.00										SB DN
Amounts of precipitation	T	T										T
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character, 4.13 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	15	16	15	14	15	15	14	16	15	15	13
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	35	32	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 0.4

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 4

Prevailing direction W

Total movement, 368

Average hourly velocity, 15.3

Maximum velocity, 20 Direction, W Began 12.19 P.M.

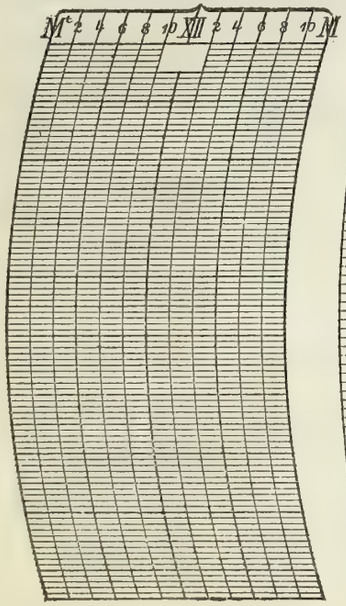
Extreme velocity, 20 - W - 12.19 P.M.

Relative humidity, 90 a. m. 74 p. m.

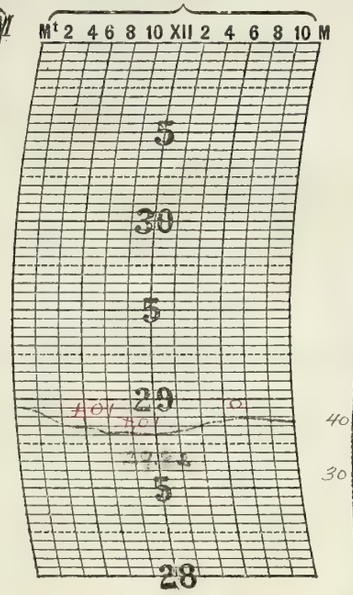
Reduced barometer, 29.80 a. m. 29.84 p. m.

River gage, 3.5 ft.

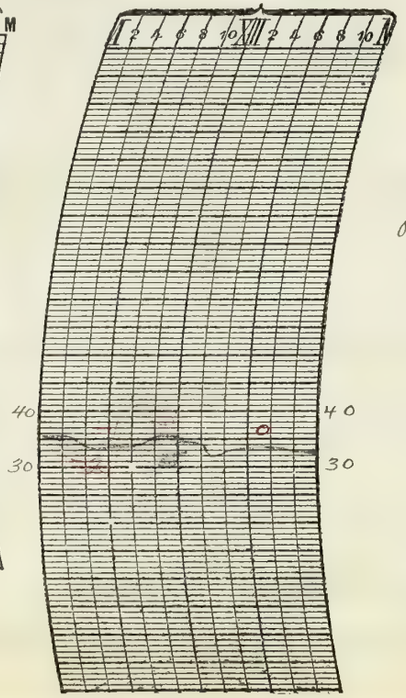
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets and walks nearly free from snow and ice.
Light moist snow fell during part of the day and again before midnight.

Prepared by HFC
Verified by PMcD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 9 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	33	33	32	31	29	29	29	29	30	31
Nature of precipitation and time of beginning and ending			SE DN									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions					Cloudy					× Pt Cldy		
Sunrise: Time, Character,	6.55 Cloudy											
Sunshine (in tenths of hours)							0	0	0.7	0.6	0.3	1.0
Wind direction	W	W	NW	NW	NW	NW	N	NW	NW	N	N	NW
Wind movement	13	10	10	12	13	11	11	11	11	10	7	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	30	30	29	29	29	28	28	27	27
Nature of precipitation and time of beginning and ending		SB 1.30 SE 1.50				SB 5.40		SE 7.35				
Amounts of precipitation		T				T	T	T				
Cloudiness and other conditions	×				Cloudy							→
Sunset: Time, Character,									4.13 Cloudy			
Sunshine (in tenths of hours)	0.1	0.6	0.2	0	0							
Wind direction	NW	NW	NW	NW	W	W	W	W	NW	NW	NW	NW
Wind movement	12	10	10	9	7	6	5	5	4	4	4	5

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	27	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.5

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 38

Prevailing direction NW

Total movement, 210

Average hourly velocity, 8.8

Maximum velocity, 17 Direction, NW Began 4.08 AM

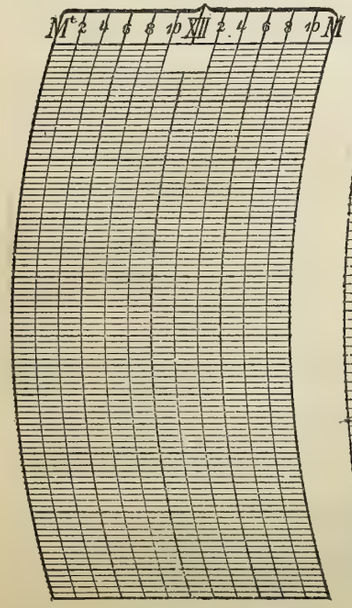
Extreme velocity, 17 – NW – 4.08 AM

Relative humidity, 91 a. m. 83 p. m.

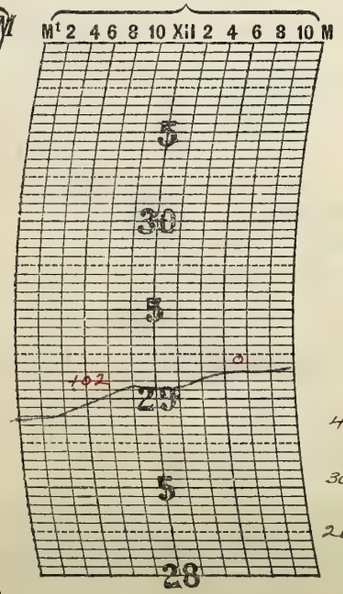
Reduced barometer, 29.98 a. m., 30.09 p. m.

River gage, 3.4 ft.

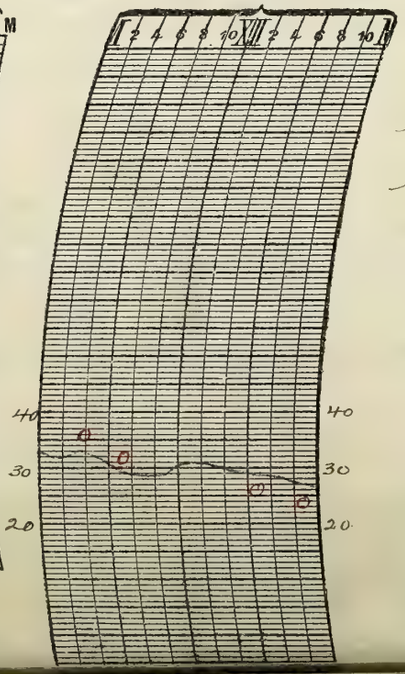
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light snow which began falling on the previous day continued during the early morning.

Snow flurries prevailed from 1.30 P.M. to 1.50 P.M. and from 5.40 P.M. to 7.35 P.M.

Streets and walks nearly free from snow and ice.

Prepared by H.T.C.

Verified by P.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 10 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	26	25	24	25	24	23	25	27	28	30	31	31	31	30	29	28	27	26	26	25	24	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				Pt Cloudy							×		Clear			→		
Sunshine (in tenths of hours)	Sunrise: Time, 6.55; Character, Clear						0.8 / 0	0.3 / 0	0	0.7	1.0	1.0	0.5	0.1	0.6	0	0				Sunset: Time, 4.13; Character, Cloudy			
Wind direction	NW	W	W	NW	NW	NW	NW	N	NE	E	NE	NE	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	3	4	3	2	3	1	3	4	3	4	6	8	5	6	8	6	6	7	9	9	8	10	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	31	23	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 46

Prevailing direction NE

Total movement, 141

Average hourly velocity, 5.9

Maximum velocity, 13 Direction, E Began 10.59 P.M.

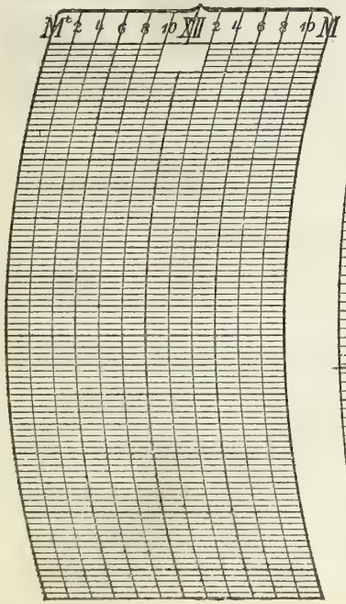
Extreme velocity, 13 E 10.59 P.M.

Relative humidity, 81 a. m. 82 p. m.

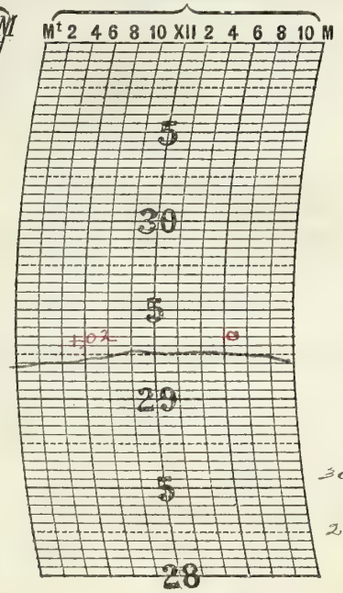
Reduced barometer, 30.23 a. m. 30.21 p. m.

River gage, 3.1 ft

THERMOGRAPH.



BAROGRAPH.



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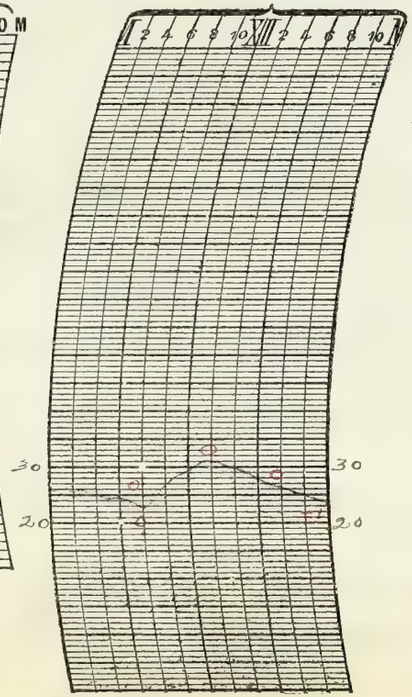


NOTES.

A faint solar halo of 22° arc was observed from 1.00 P.M. to 2.30 P.M. Streets and walks nearly free from snow and ice.

Prepared by J.H.C.

Verified by C. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 11 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	21	22	24	25	25	26	27	27	27	26	27	26	26	25	25	26	26	28	29	29	29
State of weather: Nature of precipitation and time of beginning and ending											SB 10.20					SE 3.40	RB 4.80	RE 5.15						
Amounts of precipitation											T	T	—	—	—	—	T	T						
Cloudiness and other conditions							Cloudy										Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	E	E	NE	NE	E	E
Wind movement	8	9	14	12	11	12	15	18	17	17	14	15	16	16	15	15	16	13	14	12	12	11	10	9

Sunrise: Time, 6.56 Character, Cloudy

Sunset: Time, 4.13 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	21	25	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.6 ins.

Total precipitation, midnight to midnight, 0.6 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 321

Average hourly velocity, 13.4

Maximum velocity, 23 Direction, NE Time. Began 1.15 PM.

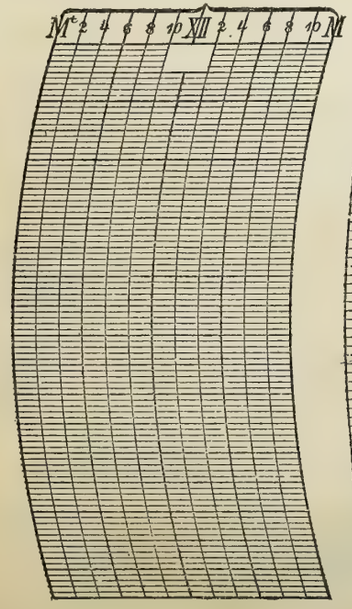
Extreme velocity, 25 - NE - 1.15 PM

Relative humidity, 87 a. m., 75 p. m.

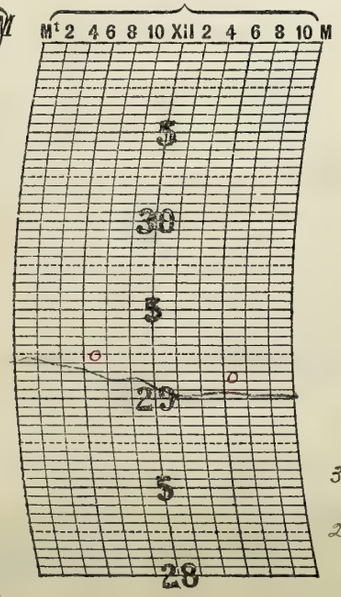
Reduced barometer, 30.10 a. m., 29.99 p. m.

River gage, 3.1 ft.

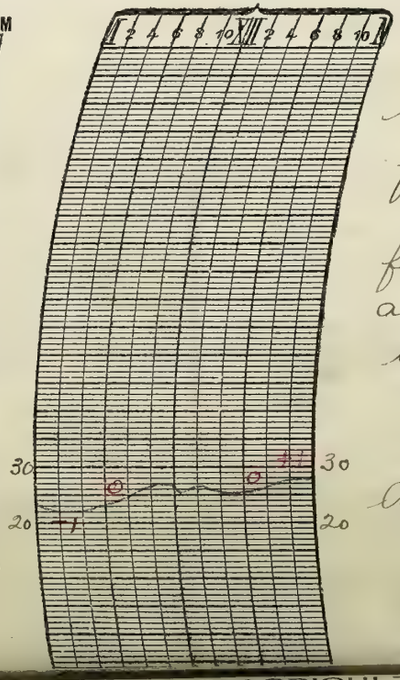
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets and walks slippery during part the day from moist snow which fell from 10.20 A to 3.40 P.M.

Some of the snow melted soon after it fell and then froze causing the streets and walks to be icy during part of the afternoon.

The rain froze soon after it fell.

The streets and walks were quite slippery during the evening from ice and snow.

Prepared by J.H.C.

Verified by P. McD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 1 0 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	28	28	27	27	26 27	26	26	26	26	27	28	29	30	30	31	31	32	32	32	32	33	32
Nature of precipitation and time of beginning and ending					SB DN							SE 11.40 RB 11.40	RE 12.25	SB 1.15										
Amounts of precipitation					T	T	T	–	–	–	–	–	T	–	–	–		–	–		–	–	–	–
Cloudiness and other conditions	← Cloudy												Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	NE	NE	E	E	E	E	E	E	E	E	S	S	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	7	9	7	9	7	7	7	6	4	5	4	3	3	2	5	7	9	9	12	12	14	14	14

Sunrise: Time, 6.57 Character, Cloudy

Sunset: Time, 4.13 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	33	26	30	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.

Snow on ground 7 p. m., 1.1 inches.

Total snowfall, midnight to midnight, 1.2x inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .14x inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity, 18 Direction, W Time, Began 11.40 PM.

Extreme velocity, 18 - W - 11.40 PM

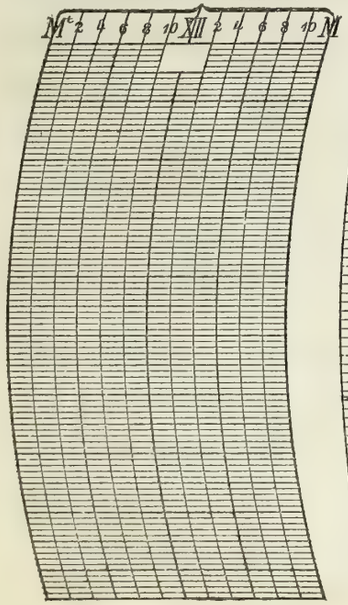
Relative humidity, 93 a. m., 90 p. m.

Reduced barometer, 29.95 a. m., 29.93 p. m.

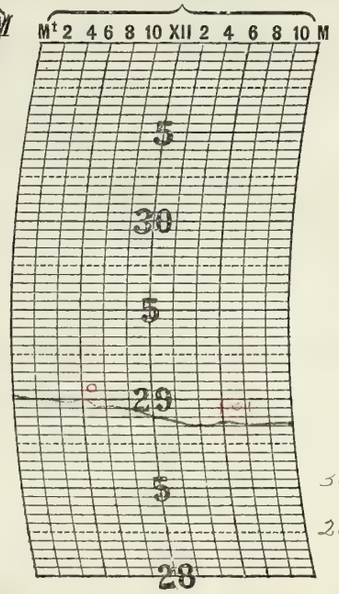
River gage, 3.0 ft.

x Estimated

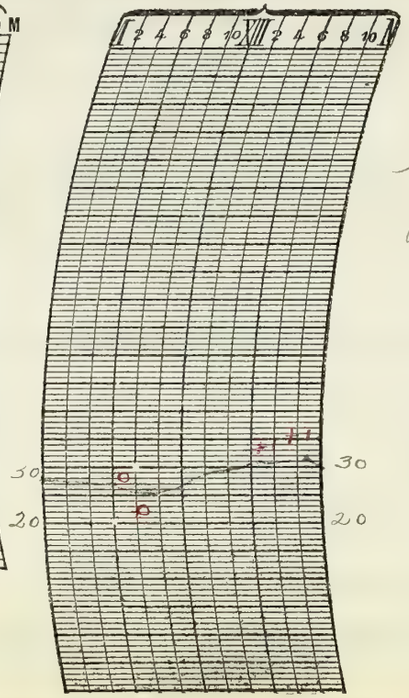
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

During the day the snow partly melted as it fell. Sidewalks and streets slushy, especially in the business portions of the city.

Prepared by J.H.C.

Verified by O. Mack

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 13 1915, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

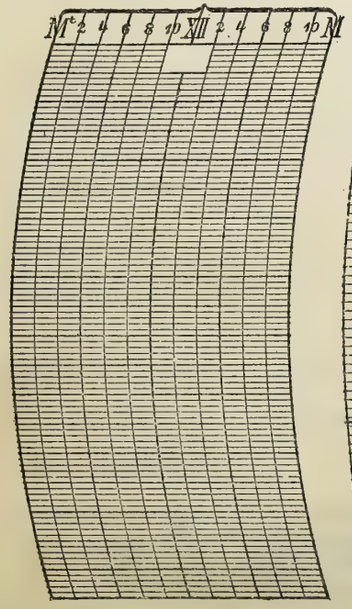
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	30	30	29	30	30	30	30	30	31	32	32	32	31	30	29	26	26	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending													SE 12.15											
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	T											
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, Character	6.58 Cloudy																							
Sunset: Time, Character																					4.13 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.1	0.6	0.2	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	13	11	11	11	9	9	13	12	12	12	12	20	17	16	17	17	16	15	15	15	14	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

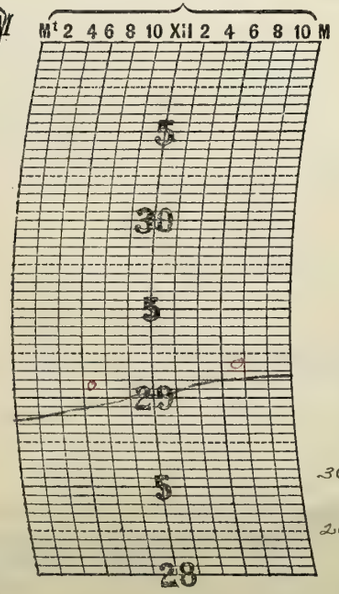
	Maximum.	Minimum.	Mean.	Normal.
	32	24	28	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase, First Quarter 7.38 a
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 0.9
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 1.0
Prevailing direction W
Total movement, 331
Average hourly velocity, 13.8
Maximum velocity, 24 Direction, W Began 12.45 P.M.
Extreme velocity, 24 — W — 12.45 P.M.
Relative humidity, 95 a. m., 75 p. m.
Reduced barometer, 29.91 a. m., 30.05 p. m.
River gage, 2.8 ft.

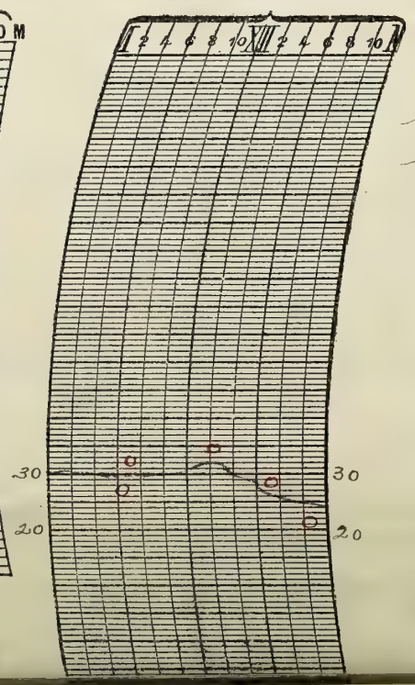
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



x Estimated.

NOTES.

Walks in the business section of the city slushy from melting snow during the forenoon and part of the afternoon.

Prepared by J.H.T.C.
Verified by P.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	22	21	19	17	16 17	17	16	16	17	18	19	21	21	20	20	19	18	17	16	16	16	15	13
State of weather: Nature of precipitation and time of beginning and ending						d SB DN															d SE 8.30	1		
Amounts of precipitation						T	T	–	–	–	–	–	T	T	T	T	T	T	T	T	T			
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, Character,	6.58 Cloudy																							
Sunset: Time, Character,																					4.13 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.5	0	0	0	0	0							
Wind direction	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	13	14	13	12	15	15	11	15	16	15	14	16	16	15	15	14	14	12	12	11	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	24	13	18	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 1.9 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 8

Prevailing direction SW

Total movement, 322

Average hourly velocity, 13.4

Maximum velocity, 20 Direction, SW Time. Began 10.00 AM

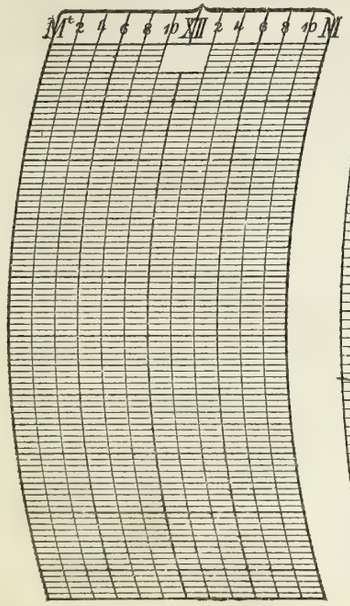
Extreme velocity, 20-SW-10.00 AM

Relative humidity, 87 a. m. 80 p. m.

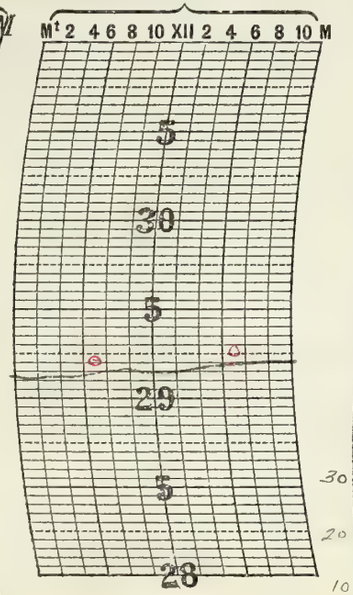
Reduced barometer, 30.13 a. m. 30.15 p. m.

River gage, 2.7 ft

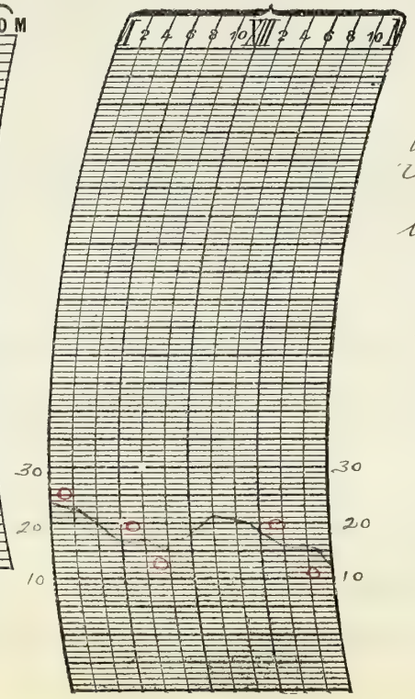
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The snowfall was in the form of flurries and fell at intervals. The snowfall was heavier in the forenoon than in the the afternoon and evening.

The walks and streets were slippery from snow and ice and no thawing occurred during the day.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 1 5 1915, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	12	12	11	10	10	14	14	14	18	23	25	28	28	27	27	26	25	24	23	23	23	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy							Cloudy				Cloudy					
Sunrise: Time, Character	6.59 Cloudy																				Sunset: Time, Character 4.14 Cloudy			
Sunshine (in tenths of hours)							0	0	0.2	0.8	1.0	0.5	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	NW	SE	SE	E	E	NE	E	E	E	E	E	E	E
Wind movement	9	8	8	9	9	7	4	7	10	7	3	3	3	3	4	4	4	4	7	7	4	6	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	10	20.0	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 2.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 27

Prevailing direction E, SW

Total movement, 143

Average hourly velocity, 6.0

Maximum velocity, 12 Direction, SW Time. Began 12.22 AM

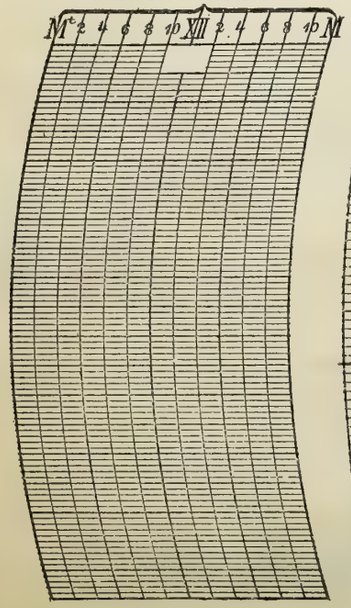
Extreme velocity, 12 SW - 12.22 AM

Relative humidity, 85 a. m. 67 p. m.

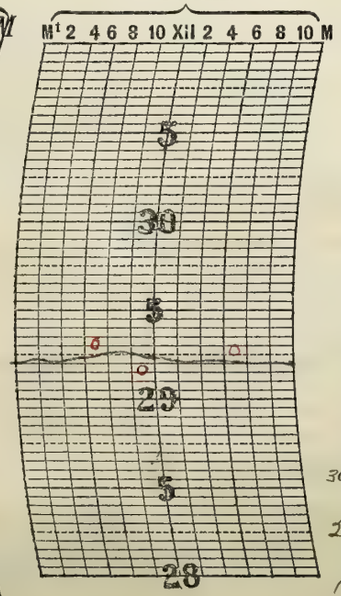
Reduced barometer, 30.22 a. m. 30.16 p. m.

River gage, 2.9 ft.

THERMOGRAPH.



BAROGRAPH.



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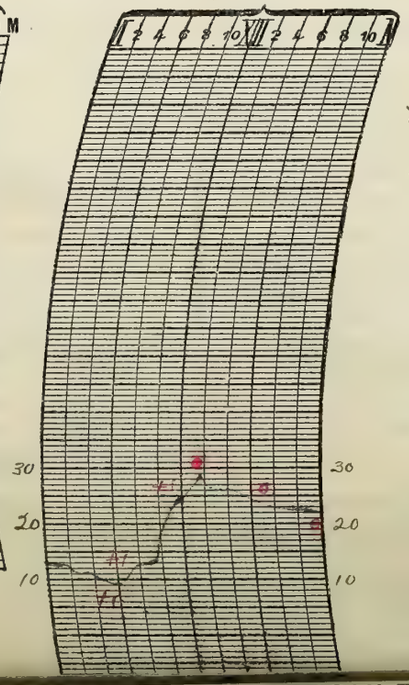


NOTES.

The streets and walks covered with snow and ice and but little thawing occurred during the day.

Prepared by J.H.C.

Verified by C.M.D.

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Dec 9 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	23	24	24	24	24	24	25	26	27	28
State of weather: Nature of precipitation and time of beginning and ending							SW RB 6.25	SE 7.10				
Amounts of precipitation							T	T				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 7.00 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	9	11	10	12	13	13	14	14	13	13	14
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	29	29	29	29	[illegible]	30	31	31	31	32
State of weather: Nature of precipitation and time of beginning and ending			RB 2.25									
Amounts of precipitation			T	T	T	T	T	T	–	–	–	–
Cloudiness and other conditions				Cloudy								
Sunset: Time, 4.14 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	16	15	17	15	18	14	14	16	8	10	10	9
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

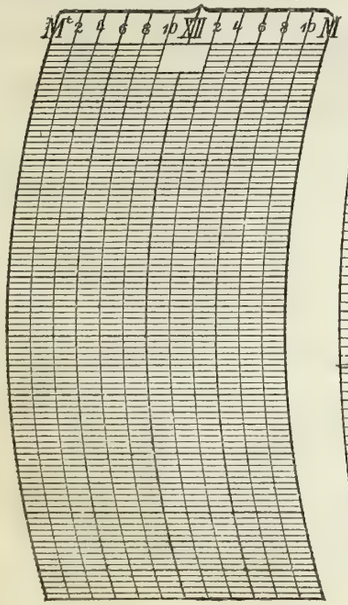
	Maximum.	Minimum.	Mean.	Normal.
Temperature	32	22	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to – p. m., T ins.
Total precipitation, midnight to midnight, 14x inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction E
Total movement, 308
Average hourly velocity, 12.8

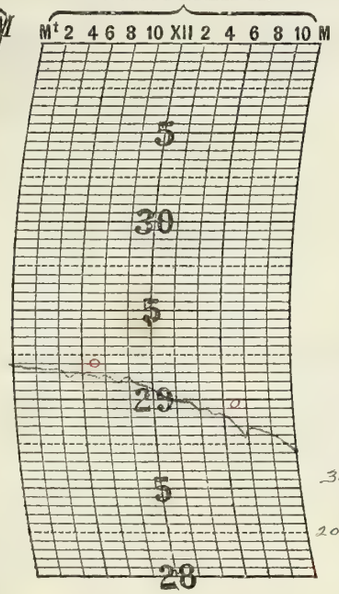
Maximum velocity,	Direction,	Time.
22	E	Began 4.16 P.M.

Extreme velocity, 23 – E – 4.16 P.M.
Relative humidity, 74 a. m., 94 p. m.
Reduced barometer, 30.10 a. m., 29.85 p. m.
River gage, 3.2 ft.

THERMOGRAPH.



BAROGRAPH.



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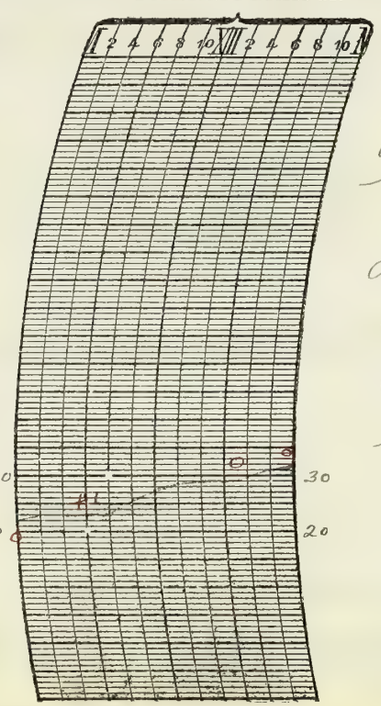


x Estimated

NOTES.

The rain from 2.25 to 8.00 P.M. fell in the form of heavy mist and froze on objects soon after it fell.
Streets and sidewalks icy and dangerous to pedestrians during the late afternoon and evening.
But little thawing occurred during the day.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 17 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	34	34	35	37	38	37	35	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending						RE DN				RB 9.05		
Amounts of precipitation	—	—	—	—	—	—	.12			—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	7.01 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	NE	E	SW	SW	SW	W	W	W	SW
Wind movement	8	4	4	2	5	13	14	12	13	12	10	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	33	32	31	30	30	30	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending			RE 2.10									
Amounts of precipitation	—	—	T									
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									4.14 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	NW	W	W
Wind movement	14	13	13	13	15	12	12	10	12	11	10	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	27	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .26 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 254

Average hourly velocity, 10.6

Maximum velocity, 18 Direction, SW Time. Began 4.45 PM

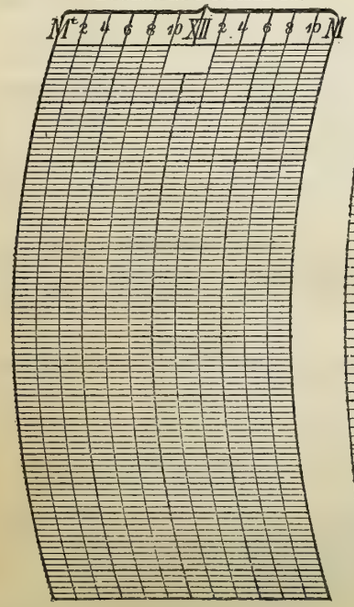
Extreme velocity, 18 – SW – 4.45 PM

Relative humidity, 100 a. m. / 84 p. m.

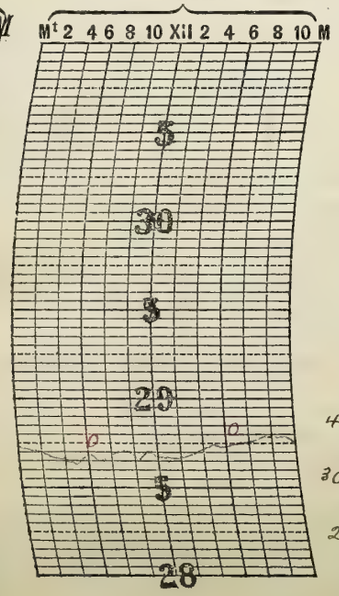
Reduced barometer, 29.60 a. m. / 29.68 p. m.

River gage, 3.8 ft.

THERMOGRAPH.



BAROGRAPH.



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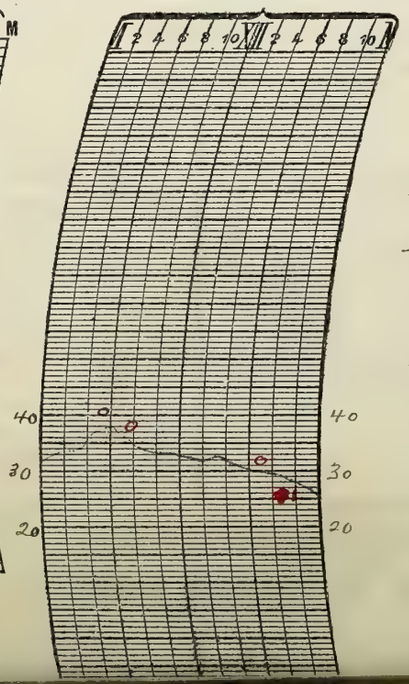


x Estimated.

NOTES

Dense fog prevailed from 12 N.A. to 7.45 AM
Light fog prevailed from 7.45 A.M. to 11.00 A.M.
Streets and walks icy and very slippery during the forenoon on acct of rain which froze on them.
Streets and walks in the business section partially free from snow and ice during the afternoon

Prepared by J.H.C.
Verified by C.M.S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 18 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	25	25	26	25	25	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending							SLE 6.35	SLE 7.50 SB 7.55				
Amounts of precipitation							T	T	T	T	T	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character,	7.01 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	11	8	10	13	13	13	12	14	13	14	17	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	23	23	24	25	25	25	25	25	26
State of weather: Nature of precipitation and time of beginning and ending			SE 2.40									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									4.15 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	18	16	15	15	14	14	11	12	12	11	13
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	22	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW.

Total movement, 322

Average hourly velocity, 13.4

Maximum velocity, 22 Direction, SW Time. Began 12.58 PM

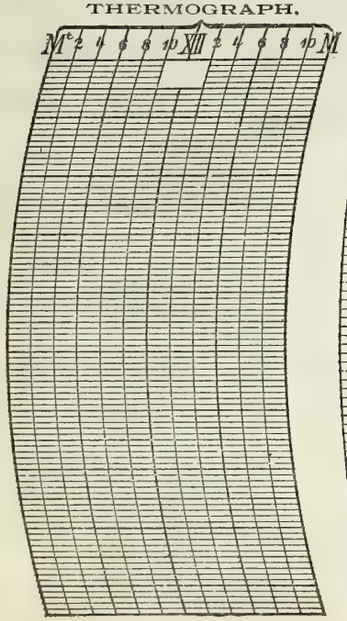
Extreme velocity, 22 - SW - 12.58 PM.

Relative humidity, 94 a. m. 75 p. m.

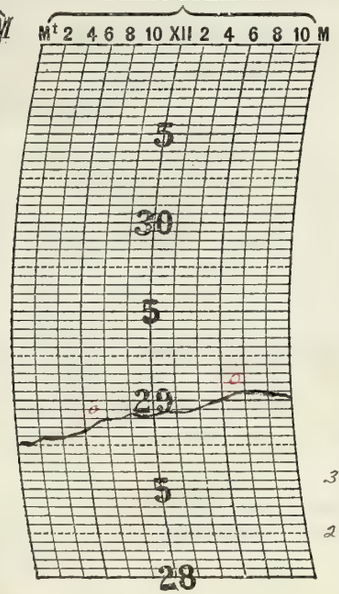
Reduced barometer, 29.84 a. m. 29.99 p. m.

River gage, 3.8 ft.

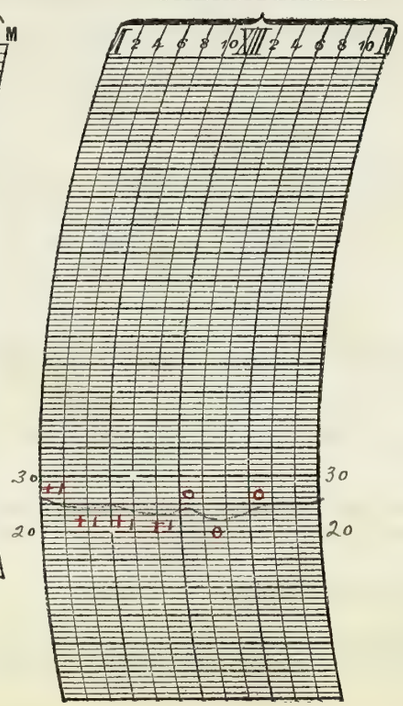
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Streets and walks icy and quite slippery except in portions of the business section where they are partially free from snow and ice.

Some sleet fell during the morning and light dry snow fell at intervals during the day from 7.50 A.M. to 2.40 P.M.

Prepared by H.T.C.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 19 1915, 191

Time (local standard), 1 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	27	28	28	28	29	26	24	23	23	22	22	22	22	22	21	21	20	19	18	18	17	17
Nature of precipitation and time of beginning and ending			SB DN	✓						SE 9.10	✓									SB 7.10	SE DN	✓		
Amounts of precipitation			—	—	—	—	—	—	—	—										T	T			
Cloudiness and other conditions				Cloudy				×	P.C.		×	Clear	×	P.Cloudy			×			Cloudy				

Sunrise: Time, 7.02 Character, Cloudy

Sunset: Time, 4.15 Character, Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	0.6	0	0.1	0	0							
Wind direction	SW	S	S	SW	SW	SW	SW	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	14	13	11	13	13	15	13	14	16	20	19	20	20	20	20	18	20	16	19	20	16	17	15	11

Maximum velocities (exceeding 7 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	17	24	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 3.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 39

Prevailing direction SW

Total movement, 393

Average hourly velocity, 16.4

Maximum velocity, 26 Direction, SW Time. Began 4.46 P.M.

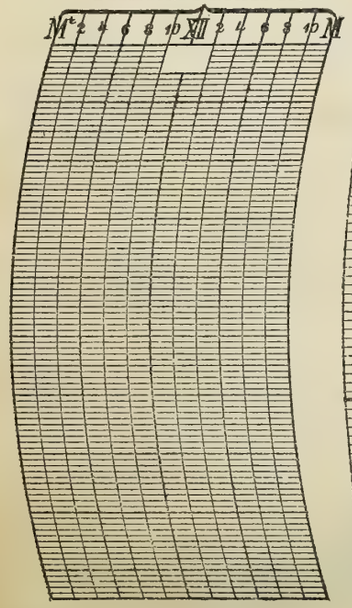
Extreme velocity, 26-SW-4.46 P.M.

Relative humidity, 100 a. m. 7 p. m.

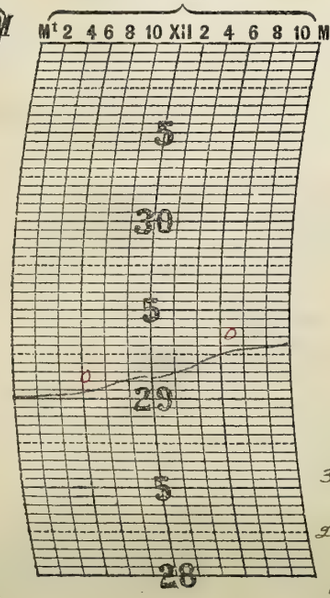
Reduced barometer, 30.00 a. m. 30.23 p. m.

River gage, 3.9 ft.

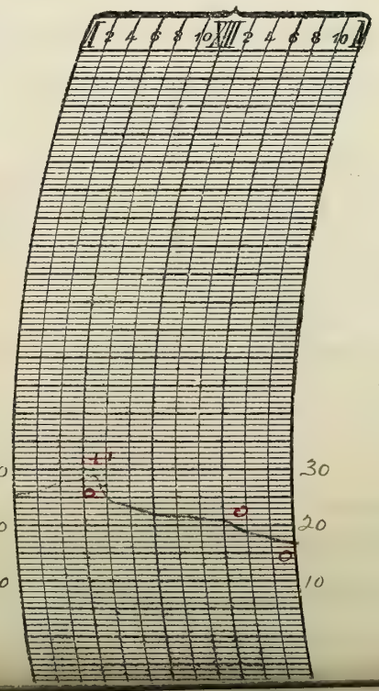
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light moist snow fell during the morning and snow flurries prevailed in the evening.

No thawing occurred during the day

Streets and walks in the business partially free from snow and ice.

Prepared by H.H.C.
Verified by P.M.O.S.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 20 1915, 191

Time (local standard), 90 mer. — 7 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	16	16	16	15	14	13	14	16	18	20	22	24	27	28	29	29	28	22	20	18	16	16	15	15
State of weather: Nature of precipitation and time of beginning and ending								d S 13 7.10				d S E 11.50												
Amounts of precipitation								T	T	T	T	T												
Cloudiness and other conditions					← Cloudy								× T.C. ×				Clear							→
Sunrise: Time, 7.02 Character, Cloudy																					Sunset: Time, 4.15 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0	0	0.4	1.0	1.0	0.9 0.1	0.25 0							
Wind direction	W	W	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W	SW	SW	SW	E	E	E	E	E	E	E
Wind movement	9	9	11	11	9	8	8	8	8	7	9	8	10	6	6	7	4	4	5	7	6	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

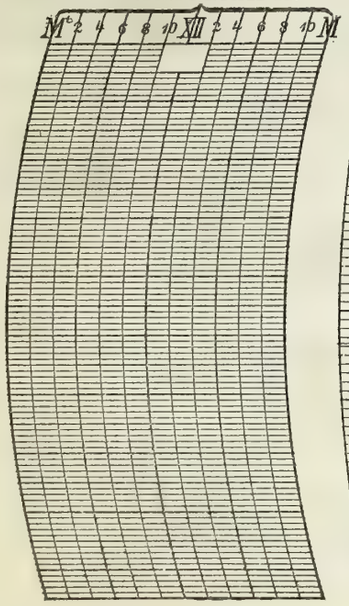
	Maximum.	Minimum.	Mean.	Normal.
	29	12	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 3.6
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 39
Prevailing direction SW.
Total movement, 173
Average hourly velocity, 7.2

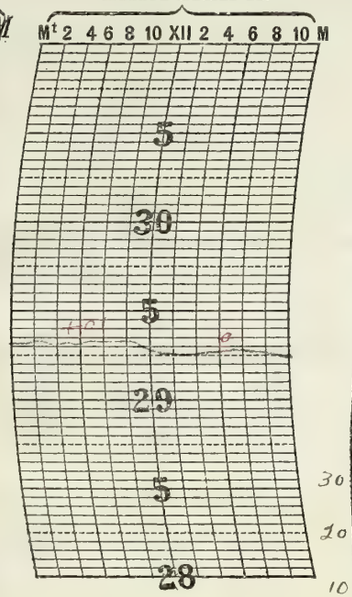
Maximum velocity,	Direction,	Time.
15	SW	Began 3.33 AM

Extreme velocity, 15 – SW – 3.33 AM.
Relative humidity, 89 a. m., 73 p. m.
Reduced barometer, 30.32 a. m., 30.26 p. m.
River gage, 4.1 ft.

THERMOGRAPH.



BAROGRAPH.



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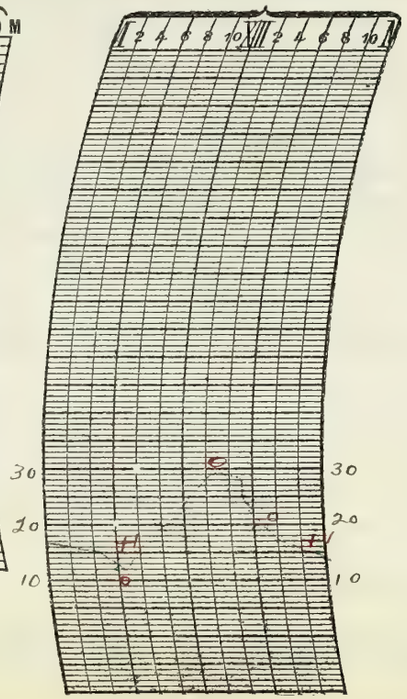


NOTES.

Light dry snow fell at intervals during the forenoon
No thawing occurred during the day.

Prepared by J.H.E.
Verified by P.M.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

DEC 21 1915

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard) 10 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	14	13	14	15	16	17	21	24	27	35	36	38	38	37	36	35	36	36	35	35	35	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Pt Cloudy						→		Cloudy		P.C.		Clear				→
Sunshine (in tenths of hours)								0	0	0	0	0.7	1.0	1.0	0	0	0							
Wind direction	E	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	SE	SE	E	E	E	SE	SE	SE	SE	SE	S
Wind movement	5	4	6	5	5	5	5	5	3	5	4	4	3	4	4	2	4	4	6	8	7	8	8	6
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 7.03 Character, Cloudy

Sunset: Time, 4.16 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	13	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase Full Moon 8.52 A

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 2.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 29

Prevailing direction E

Total movement, 120.0

Average hourly velocity, 5.0

Maximum velocity, 10 Direction, SE Time. Began 7.42 PM.

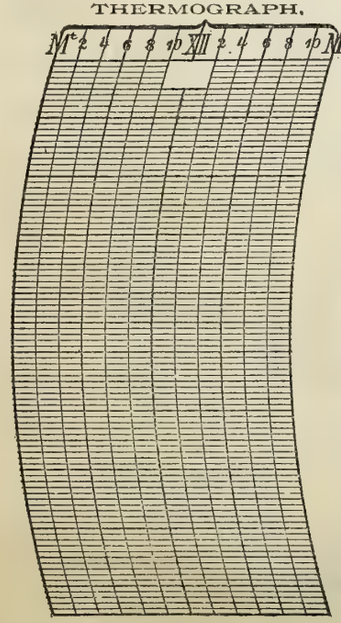
Extreme velocity, 10 - SE - 7.42 PM.

Relative humidity, 73 a. m. 69 p. m.

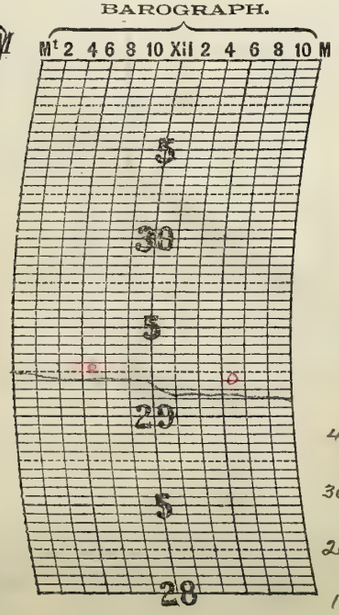
Reduced barometer, 30.18 a. m., 30.08 p. m.

River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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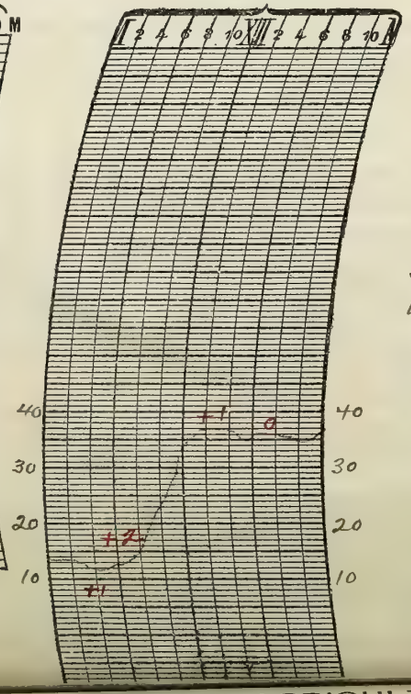


NOTES.

Some thawing occurred during the day, and streets and walks where exposed to the sun, were wet and slushy in some places from melting snow and ice

Prepared by J.H.C.

Verified by P.M.L.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 29 1915, 191

Time (local standard), 6 hr. mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	33	33	32	32	34	35	37	39	41	42	42	41	40	39	38	38	39	39	40	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cldy			PC		Clear			Clear				PC		Cloudy					
Sunrise: Time, Character	7.03 Cloud																				Sunset: Time, Character	4.16 Clear		
Sunshine (in tenths of hours)								0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0 0	2.7 0							
Wind direction	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	8	6	7	7	11	9	10	10	12	14	16	15	16	16	15	9	7	10	12	14	15	16	16	21
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 71 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 6.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 74

Prevailing direction S.

Total movement, 292

Average hourly velocity, 12.2

Maximum velocity, 24 Direction, S Time. Began 11.33 PM

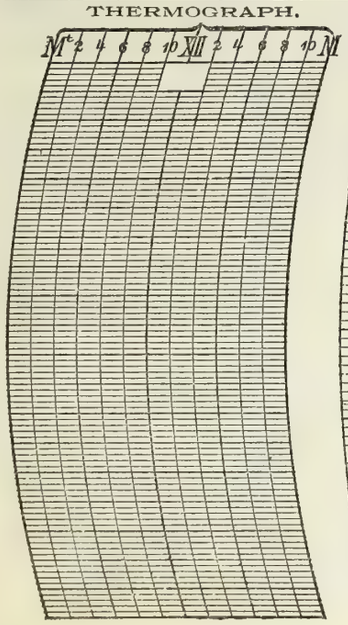
Extreme velocity, 24 - S - 11.33 PM

Relative humidity, 78 a. m., 72 p. m.

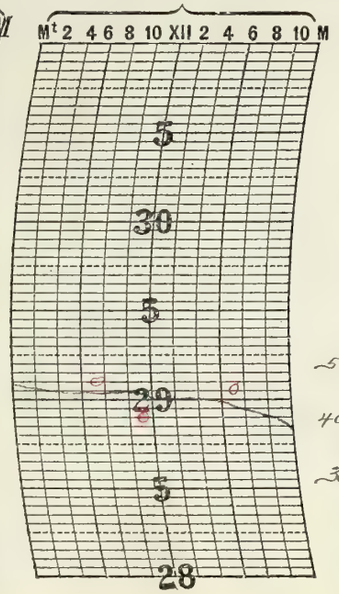
Reduced barometer, 29.98 a. m., 29.93 p. m.

River gage, 4.0 ft

THERMOGRAPH.



BAROGRAPH.



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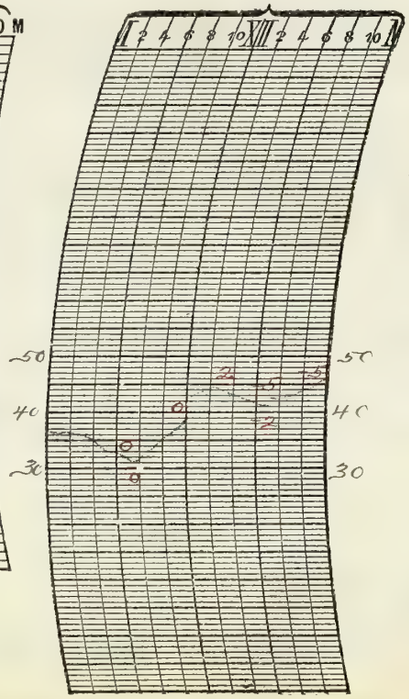


NOTES.

Considerable thawing occurred during the day and night (P.M.) making the streets and walks in many places wet and slushy.

Streets and walks, in some sheltered places still covered with snow and ice in the evening

Prepared by HPC

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 23 1915, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	41	41	40	38	37	36	35	36	36	36	37	37	37	36	36	35	34	32	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy							Cloudy									
Sunrise: Time, 7.04 Character, Cloudy																					Sunset: Time, 4.17 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	24	22	23	22	21	21	24	24	21	21	19	24	25	25	25	24	23	24	21	22	17	15	15	16
Maximum velocities (exceeding 25 miles) direction and time							31 SW 6.38					30 SW 11.48												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 518

Average hourly velocity, 21.6

Maximum velocity, 31 Direction, SW Time. Began 6.38 AM

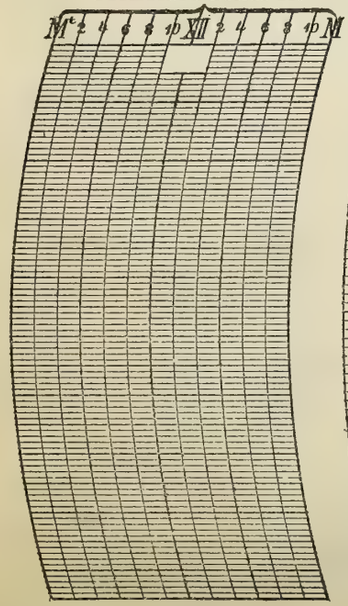
Extreme velocity, 31 SW - 6.38 AM

Relative humidity, 76 a. m. 72 p. m.

Reduced barometer, 29.68 a. m. 29.87 p. m.

River gage, 3.7 ft.

THERMOGRAPH.



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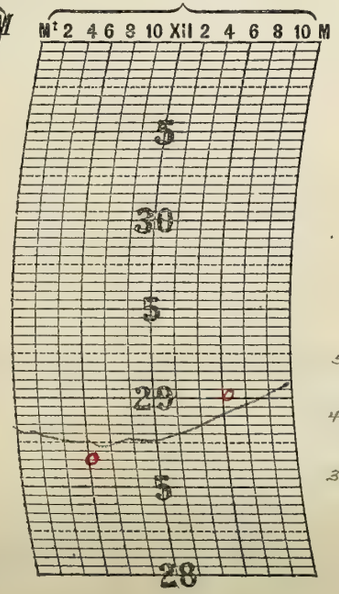
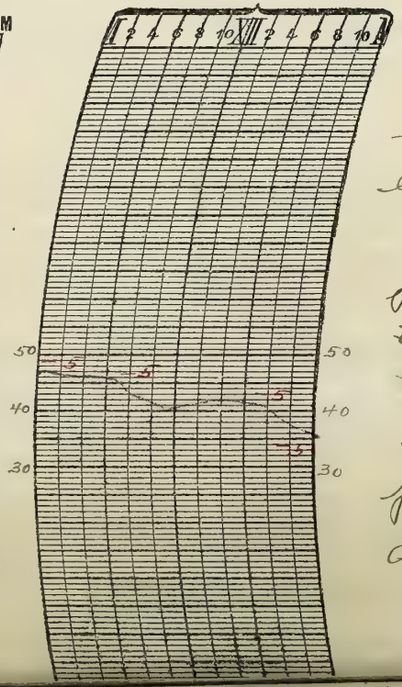


THERMOGRAPH.



NOTES.

Considerable thawing occurred during the night (A.M.), day, and evening.

Except in a few well sheltered places, the streets and walks were free from snow and ice by night.

High and somewhat gusty winds prevailed during the morning and day, decreasing by night.

Prepared by HSC.
Verified by PMCD.

Form No. 1013—Act 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) 2 1913, 191

Time (local standard) 60 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	29	29	29	30	31	31	31	32	32	32	33	34 33	31	30	30	30	30	30	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending														SB 1.45										
Amounts of precipitation														—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						Cloudy									Cloudy									
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	SW	SW	S	SE	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	11	11	10	8	6	6	6	7	6	3	3	4	3	3	7	7	10	12	15	17	15	21	24
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7.04 Character, Cloudy

Sunset: Time, 4.18 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	29	32	

Total depth of snow for 24 hours ending 7 p. m., 2.4 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 5.3 x inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .33 x inches.

Character of day, Cloudy Moon phase, —

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 228

Average hourly velocity, 9.5

Maximum velocity, 27 Direction, NE Time. Began 11.38 P.M.

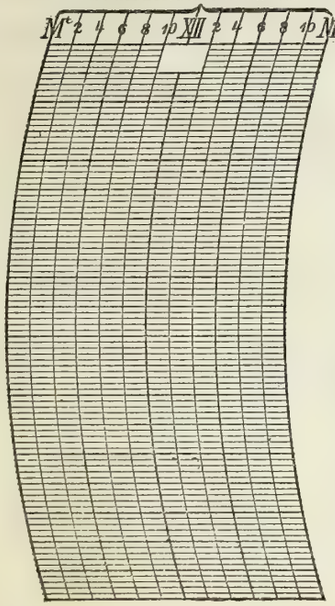
Extreme velocity, 27 – NE – 11.38 P.M.

Relative humidity, 88 a. m., 94 p. m.

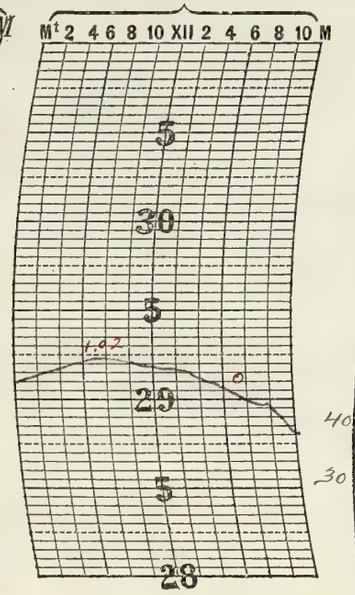
Reduced barometer, 30.16 a. m., 29.96 p. m.

River gage, 3.4 ft

THERMOGRAPH.



BAROGRAPH.



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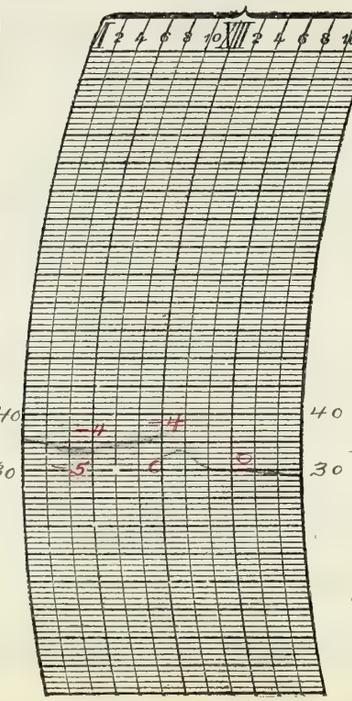


NOTES.

x Estimated

The following moderate snow warning was received from "CO" at 3.05 P.M. and immediately given to newspapers, railroads, express companies, traction companies, and long distance telephone operator. (Home). "Storm over Arkansas, moving toward Ohio Valley and will probably cause moderately heavy snow tonight in northeastern Missouri, northern Illinois, northern Indiana, northern Ohio and extreme southern Michigan

Moist snow began falling at 1.45 P.M and continued till past midnight. The fall was heavy at intervals during the afternoon and heavy from 8.00 P.M to past midnight.

Prepared by J.H.S.

Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 25 1915, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	30	30	29	28	28	28	28	29	29	29	30	31	31	32	31	30	29	27	25	23	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—													
Cloudiness and other conditions						Cloudy									Cloudy									
Sunshine (in tenths of hours)								0	0	0	0	0	0	0.2	0	0	0							
Wind direction	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW	SW
Wind movement	22	19	19	15	11	14	19	19	17	13	13	15	14	14	13	10	9	9	12	13	14	13	13	14

Sunrise: Time, 7.05; Character, Cloudy

Sunset: Time, 4.18; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	32	21	26	

Total depth of snow for 24 hours ending 7 p. m., 6.1 inches.

Snow on ground 7 p. m., 6.5 inches.

Total snowfall, midnight to midnight, 3.2* inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .22* inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 2

Prevailing direction NW.

Total movement, 344

Average hourly velocity, 14.3

Maximum velocity, 28 Direction, NE Time. Began 12.25 AM

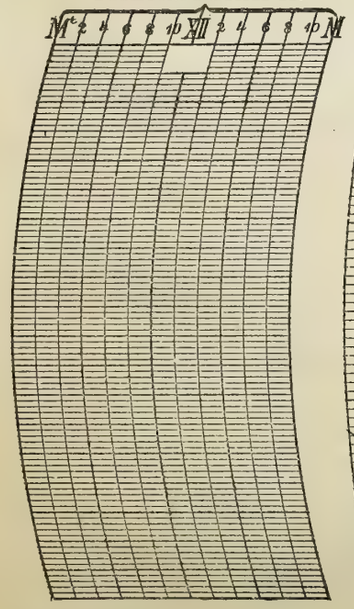
Extreme velocity, 28-NE-12.25 AM

Relative humidity, 94 a. m. 76 p. m.

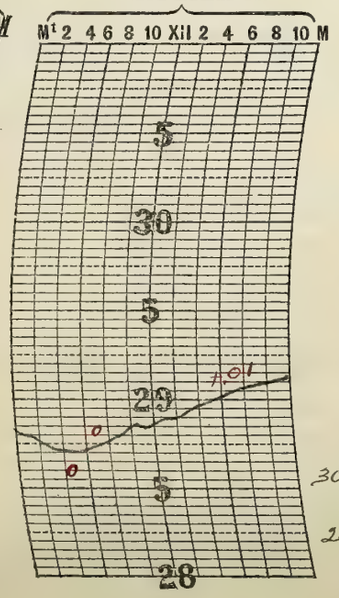
Reduced barometer, 29.69 a. m. 30.01 p. m.

River gage, 3.5 ft

THERMOGRAPH.



BAROGRAPH.



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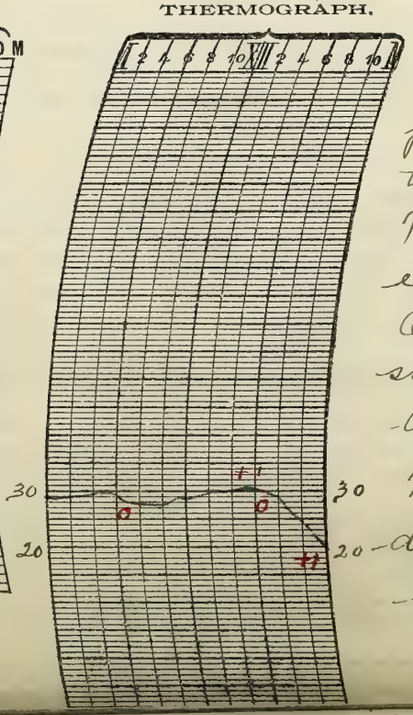


*Estimated

NOTES.

The snow which began falling on the previous day continued during the early morning and part of the forenoon. The fall was heavy during part of the early morning but after 6.00 A.M. it was light. On account of the moist character of the snow it did not drift much. The total depth of snow for the storm was 8.5 in. The morning presented an ideal christmas day with moderate temperatures. Some thawing occurred during the day.

Prepared by H.F.C.

Verified by P.M.C.P.

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 26 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	19	18	18	19	19	20	20	21	22	26	30	30	31	31	31	32	33	34	34	34	34	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.19 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	1.0 ×	0.6 ×	0.4 ×	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SE	SE	S	S	S	S	S	SW	SW
Wind movement	12	12	12	12	11	12	11	12	12	12	16	15	14	13	12	11	10	9	11	16	14	13	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	35	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 5.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 22

Prevailing direction S. SW.

Total movement, 300

Average hourly velocity, 12.5

Maximum velocity, 20 Direction, S Began 11.36 AM

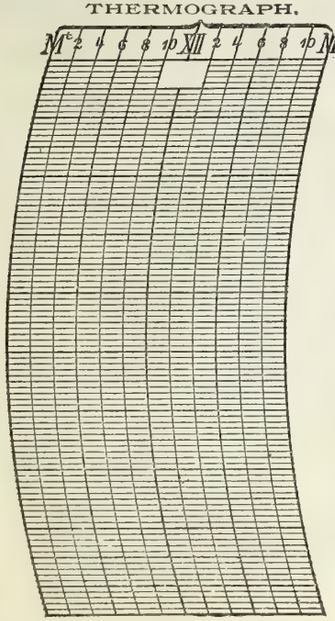
Extreme velocity, 21 - S - 11.36 AM.

Relative humidity, 88 a. m. 78 p. m.

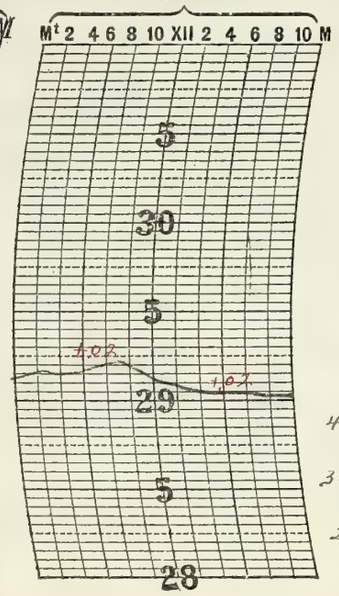
Reduced barometer, 30.17 a. m. 30.02 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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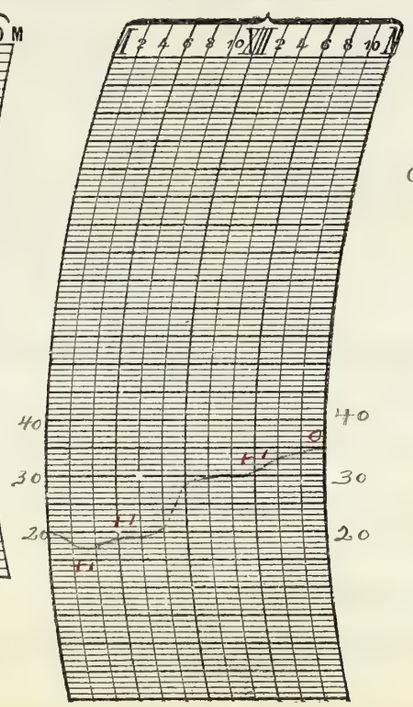


NOTES.

× Sunshine through openings in the clouds.

But little thawing occurred during the day

Prepared by J.H.C.

Verified by A. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 27 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	35	35	35	34	33	33	32	32	32	32	32	30	28	28	26	26	25	25	25	24
State of weather: Nature of precipitation and time of beginning and ending											m SB 10:45											m SE DN		
Amounts of precipitation											T	–	–	–	–	–	–	–	–	–	–	–		
Cloudiness and other conditions						Cloudy										Cloudy								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW		W	W	SW	SW	W	SW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	13	12	11	11	12	10	10	11	10	12	12	9	8	8	5	6	8	7	6	6	7	7	7	5

Sunrise: Time, 7.05 Character, Cloudy

Sunset: Time, 4.19 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., 4.2 inches.

Snow on ground 7 p. m., 8.0 inches.

Total snowfall, midnight to midnight, 4.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 213

Average hourly velocity, 8.9

Maximum velocity, 15 Direction, SW Time. Began 12.08 AM.

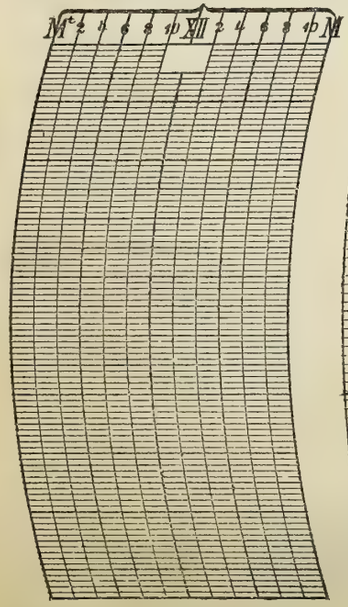
Extreme velocity, 16 - SW - 12.08 AM

Relative humidity, 73 a. m., 88 p. m.

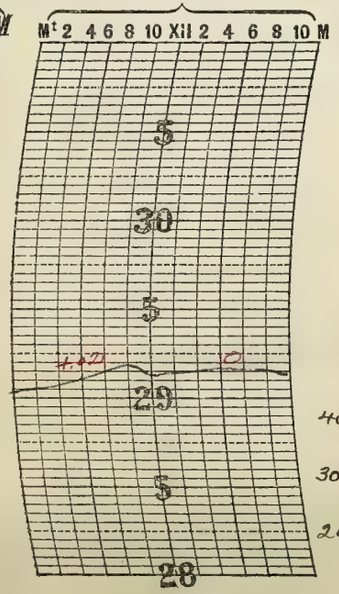
Reduced barometer, 30.08 a. m., 30.10 p. m.

River gage, 2.6

THERMOGRAPH.



BAROGRAPH.



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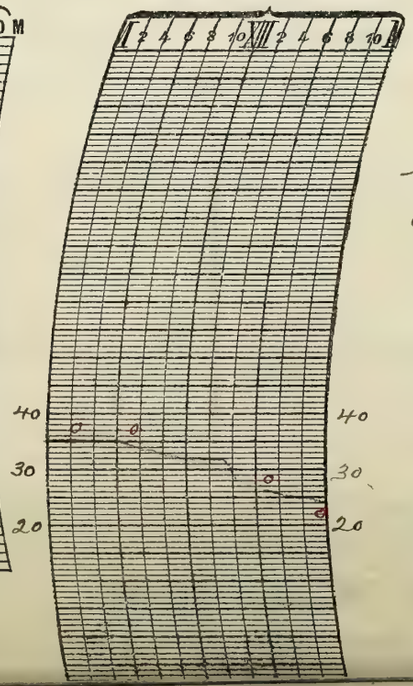


NOTES.

Moist snow fell during the day and evening. Walks in the business section wet and slushy in the day and evening from melting snow

Prepared by H.P.C.

Verified by C.M.E.

Form No. 1117-Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 2 1914, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	22	21	21	20 21	19	19	21	23	25	26	26	25	23	22	20	16	15	15	14	15	15
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy				Sp. ex		Clear					Clear									
Sunshine (in tenths of hours)	Sunrise: Time, 7.06 Character, Cloudy							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.33 0				Sunset: Time, 4.20 Character, Clear			
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	N	NE	NE	E	NE	E	E	NE	E	E	NE	NE
Wind movement	7	6	6	6	6	6	5	4	4	5	5	6	5	7	8	7	8	5	7	8	10	9	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	14	20	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 7.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 7.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 85

Prevailing direction W

Total movement, 162

Average hourly velocity, 6.8

Maximum velocity, 14 Direction, NE Time. Began 11.45 P.M.

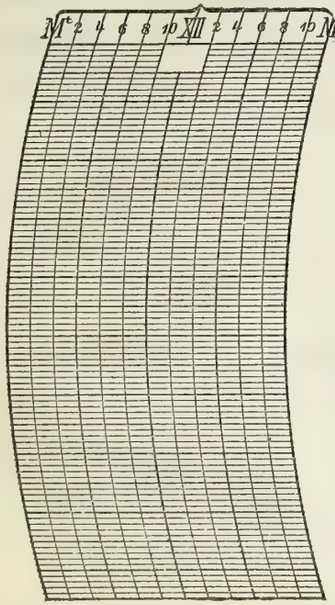
Extreme velocity, 14 - NE - 11.45 P.M.

Relative humidity, 80 a. m. 63 p. m.

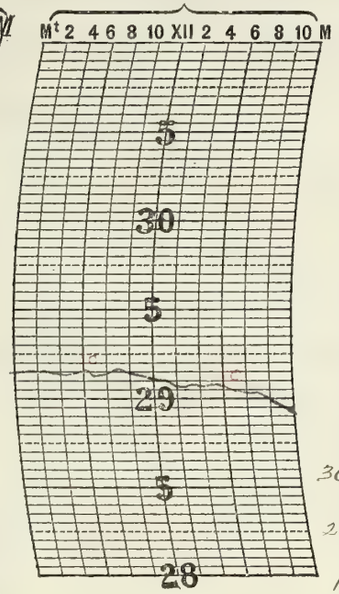
Reduced barometer, 30.11 a. m. 30.01 p. m.

River gage, 2.5 ft.

THERMOGRAPH.



BAROGRAPH.



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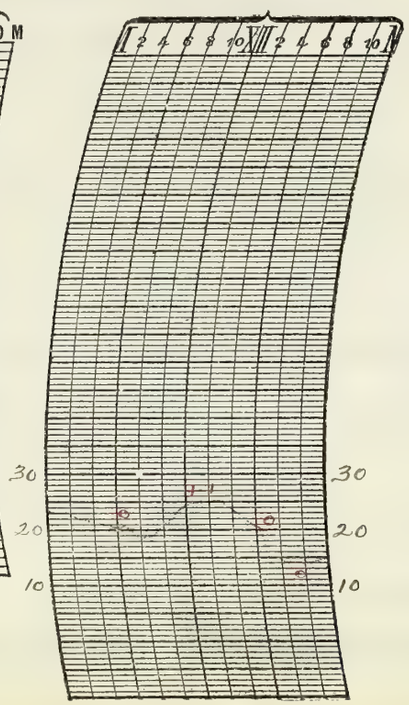


NOTES.

The sky cleared at 8 30 A.M

But little thawing occurred during the day.

Prepared by J.H.C.

Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) DEC 29 1915, 191

Time (local standard) 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	16	17	19	21	22	23	[illegible]	25	26	25	25	26	28	29	30	30	30	30	30	30	29	29	29	28
State of weather: Nature of precipitation and time of beginning and ending			SB PN								SE 10.30													
Amounts of precipitation			T	T	T	T	T	—	—	—	—													
Cloudiness and other conditions			←				Cloudy									Cloudy								
Sunrise: Time, Character,	7.06 Cloudy																				Sunset: Time, Character, 4.21 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	N	N	N	N	NE	NE	NE	NE	NE	E	E
Wind movement	15	14	22	25	26	25	27	29	20	18	17	18	15	14	11	7	7	6	6	6	6	7	5	4
Maximum velocities (exceeding 29 miles) direction and time					30 NE 4.15	31 NE 5.16	34 NE 6.34	35 NE [illegible]																

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	15	22	

Total depth of snow for 24 hours ending 7 p. m., .01 inches.

Snow on ground 7 p. m., 7.8 inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase Last Quarter 8:59 A

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 350

Average hourly velocity, 14.6

Maximum velocity, 35 Direction, NE Began 7.20 AM.

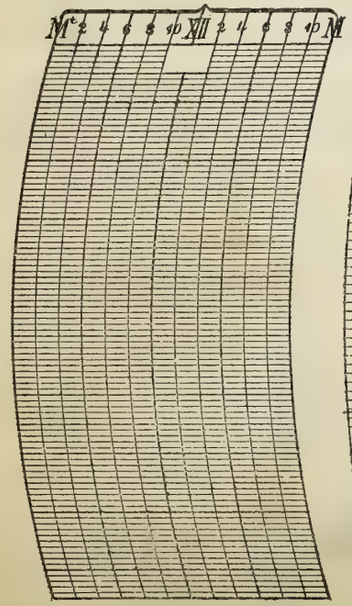
Extreme velocity, 36 NE 7.21 AM.

Relative humidity, 95 a. m. 87 p. m.

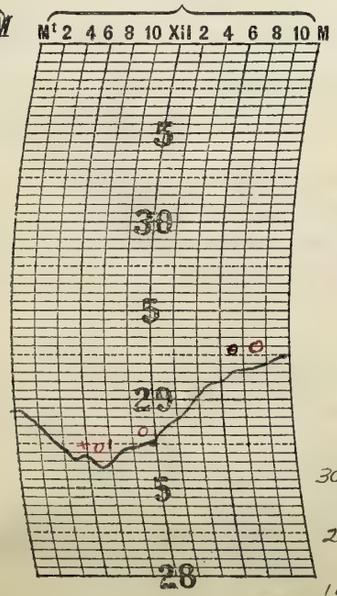
Reduced barometer, 29.61 a. m. 30.09 p. m.

River gage, 2.5 ft.

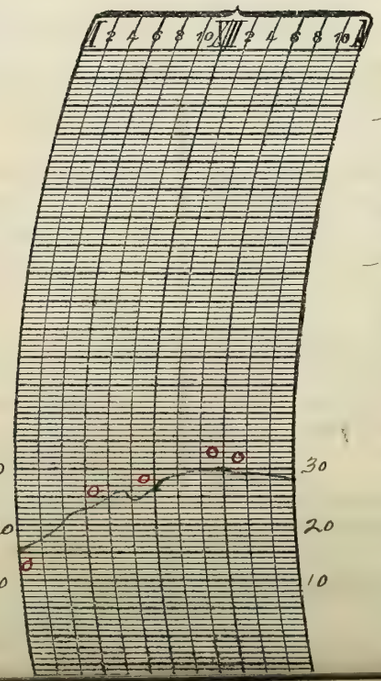
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light moist snow, accompanied by high and somewhat gusty winds, fell during the early mornings and part of the forenoon. The high winds drifted the snow slightly in some places.

But little thawing occurred during the day.

Prepared by J.H.C.

Verified by P.M.S.

Form No. 1011 Rev.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 30 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	27	27	27	27	26	26	26	27	27	28
Nature of precipitation and time of beginning and ending										SN B 9.25		
Amounts of precipitation										T	T	T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 7.06 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	NE	E	NE	NE
Wind movement	5	5	5	6	4	6	6	6	7	5	6	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	29	30	30	30	30	29	29	28	28	27
Nature of precipitation and time of beginning and ending	SN SE 1.230						SN B 6.15			SN SE DN		
Amounts of precipitation	T						T	T	T	T		
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.22 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E
Wind movement	6	7	6	6	6	6	5	6	5	6	7	5

State of weather.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	26	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 7.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction NE, E.

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity, 9 Direction, NE Time. Began 11.50 AM

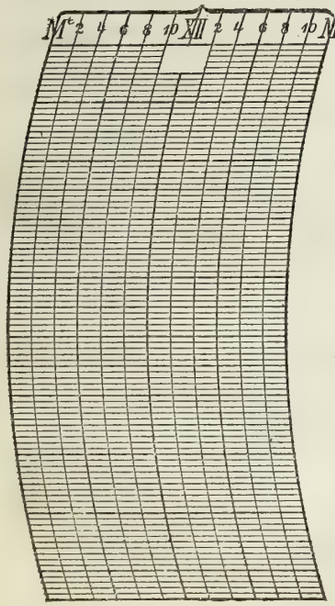
Extreme velocity, 9 - NE - 11.50 AM

Relative humidity, 87 a. m., 95 p. m.

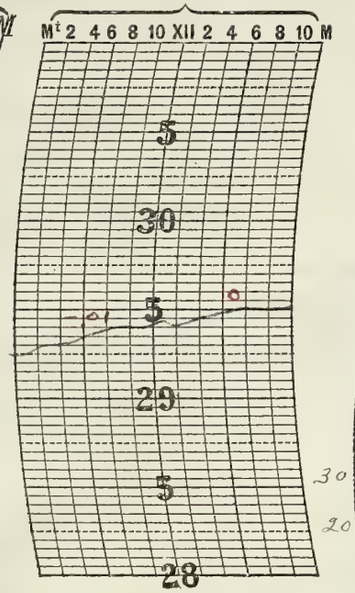
Reduced barometer 30.34 a. m., 30.46 p. m.

River gage, 2.7 ft

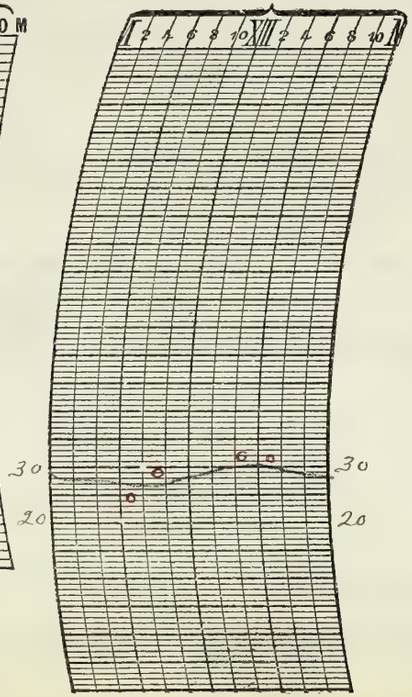
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Considerable thawing occurred during the day and evening making the streets and walks wet and slushy.

Prepared by J.H.C.

Verified by P.McD.

8—486

Form No. 1614—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) DEC 31 1915, 191

Time (local standard) 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	27	27	27	27	28	28	29	32	35	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	7.06 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	S
Wind movement	4	4	6	4	5	5	5	3	4	5	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	38	39	39	39	38	37	38	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending		RB 1.40	RE 2.15					RB 7.05 RE 7.35				
Amounts of precipitation		T	T					T				
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4.22 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	SW	S	S	SW
Wind movement	7	9	10	8	7	11	11	11	9	11	11	11
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	39	27	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 6.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 174

Average hourly velocity, 7.2

Maximum velocity, 16 Direction, S Began 7.18 PM

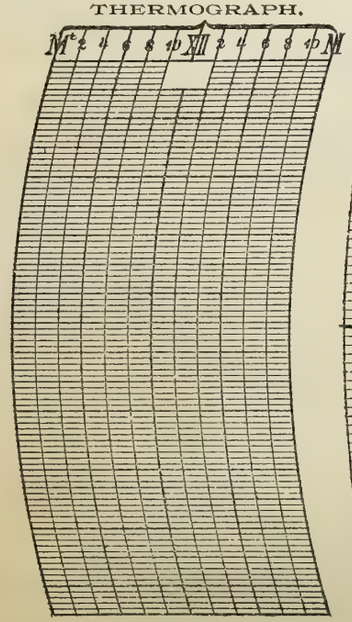
Extreme velocity, 17 S 7.18 PM

Relative humidity, 86 a. m. 90 p. m.

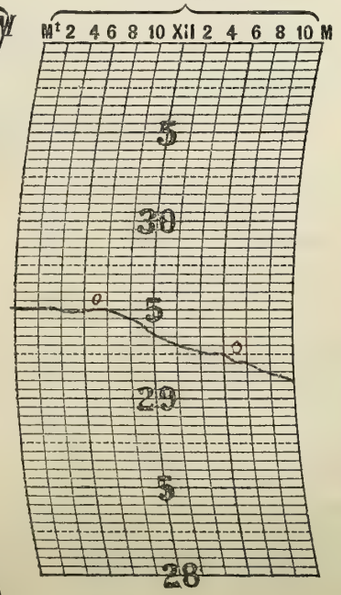
Reduced barometer, 30.45 a. m. 30.19 p. m.

River gage, 3.0 ft

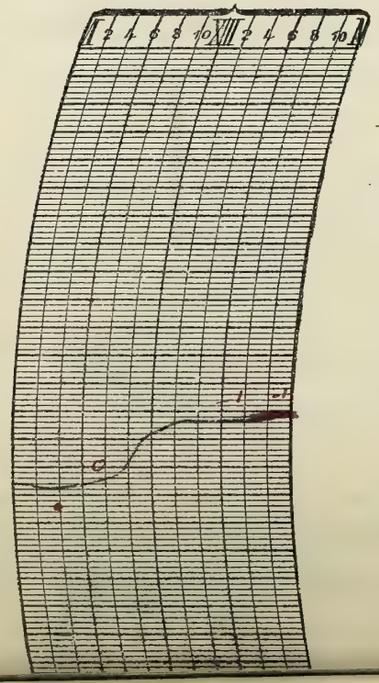
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Considerable thawing occurred during the day and night (P.M.) making the streets and walks wet and slushy.

Prepared by HTC

Verified by PMCP.

INDEX, DAILY LOCAL RECORD, 1915

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation												
Cold waves	22.23		26									
Dew, heavy deposits of				25.26.27.28.	25	8.9		1.10, 23.26	1.22			
Droughts												
Earthquakes												
Fires, forest												
Fog, light	5.15.26	12.13.22	5.19		20	4		12	10.17.18. 19.25.	3.5.15		17
Dense	5	13	19					12		3		17
Floods, other than in rivers												
Frosts, light	—	—	—	—	10	0	0	31	29.	22.24. 27.30	—	—
Heavy	—	—	—	—	5	0	0	0	0	8.10	—	—
Killing				17							3	
First killing after July 15											3	
Last killing before July 15				17								
Last heavy before July 15					5							
First heavy after July 15										1		
Hail. *See* Precipitation												
Ice												
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken	0											
Taken late	0											
Special	0										8.24	11.16.27
Optical phenomena, haze												
Coronæ												
Halo, lunar	14	19.22.27.										
Solar	1.10	17.28.		4.18								10
Parhelia												
Parselenæ												
Rainbows												
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, light .50 or less in 24 hr.	6.16	21.22.23.24.25. 4.5.12.13.14.	5.6.23	4.9.11.12.16. 22.23.27.28.	2.3.4.5.6.7.14.18 20.21.26.26	1.2.7.10.11.13.14. 15.18.	1.2.3.4.8.15.18 20.21.27.28.30	4.5.8.12.13 16.21.24.	6.7.10.11.14.15 16.17.20.27	4.9.13.14. 17.19.	11.14.19.27 28.29	31. 11.12.16.17
Heavy	31	1										

8—486

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 1915

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation, rain—Continued.												
Excessive					24	25	14	2				
Showers, light												
Heavy												
Sleet			5									18
Snow, light				1. 2.							1.5.16.19.20. 21.23.29.30	2.5.8.9.11 29.30 0.13.14.16.18 19.20.
Heavy	18.22		20									1.12.24.25 27.
Hail												
Wet periods												
Rivers, rapid rise												
Flood stages												
Low-water stages, unusual												
High water, periods of												
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light												
Dense												
Temperature, unusually high												
Unusually low	23.24.28.29											
Sudden rise												
Sudden fall												
Periods of high												
Periods of low	23.24.28.29											
Thunderstorms				9.10.20.22	3.15.21.24	7.13.18.25	4.7.8.14.15. 18.20.21.25. 29.31	3	7.14.15.18			
Tornadoes												
Warnings, advisory												
Cold wave	2. 27.											
Inland storm												24
Emergency												
Frost					4.5.			30	21.28.29	20. 4.5.7.8.9.		
Hurricane												
Rapid rise in river												
Flood												
Winds, 25 to 39 miles per hour	1.6.7.16.17.	1.2.5.6.11.14 15.23.25	4.5.16.24 28.29.	9.10.11.19. 24.27.28.29			4.5.14.20.		10.13.14. 20.26.	7.8.11.25. 26.31	2.4.8.11.15.19.20. 21.25.26.27.28 29	19.23.24 25.29
40 miles per hour, or over					14.							
Hurricanes												

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